Bang&Olufsen

Beovision 7802
Type 7510, 7511, 7533, 7030

Beovision 8902
Type 7210, 7211, 7233, 7020

Beovision 5502
Type 7710, 7711, 7733, 7090

Beovision 7702
Type 7410, 7411, 7412, 7433, 7070, 7072, 7073

Beovision 8802
Type 7110, 7111, 7112, 7133, 7050, 7052, 7053

Beovision 9002
Type 7003, 7004

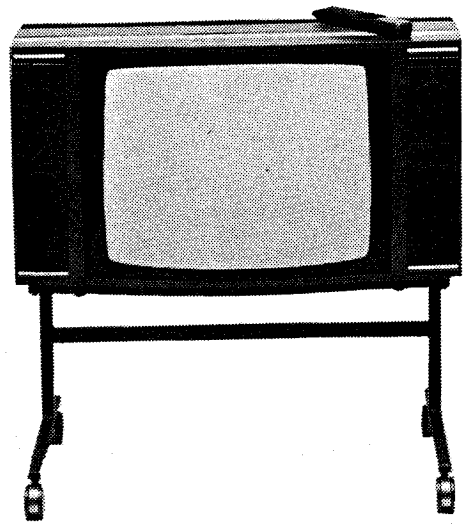
TV System
Type: 7710, 7711, 7410, 7411, 7412, 7110, 7111, 7112, 7003, 7510, 7511, 7210, 7211 7430
VHF: B
UHF: G
Colour: Pal

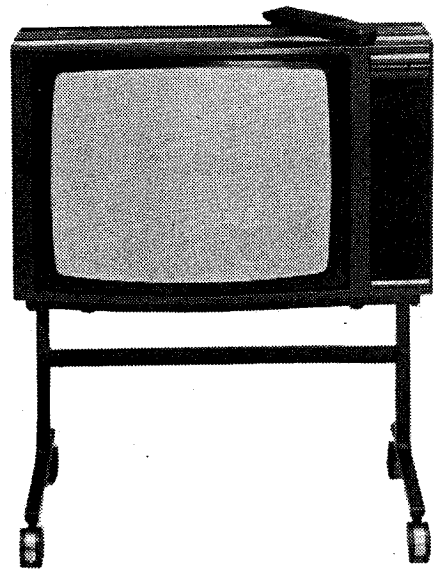
Type: 7072, 7073, 7052, 7053: FTZ: 7090, 7070, 7050, 7030, 7020
VHF: B-S-TUNER
UHF: G
Colour: Pal

Type: 7733, 7433, 7133, 7004, 7533, 7233
UHF: I
Colour: Pal

Installation kits:
Pal/Secam Decoder
NTSC 4.43 MHz
Video In – In/Out
Stereofunction
Teletext

Accessories:
CTV-Stands
Video Stands





SERVICE MANUAL

MC-Service

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47 AF Ampl. Supply Stereo ..... diagr. E page 1-12

48 AF Distribution ..... diagr. A, B, D page 1-5, 7, 10

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55 Remote/Tuning ..... diagr. F page 1-13

57 Analog Digital Stereo ..... diagr. B, D, F page 1-7, 10, 13

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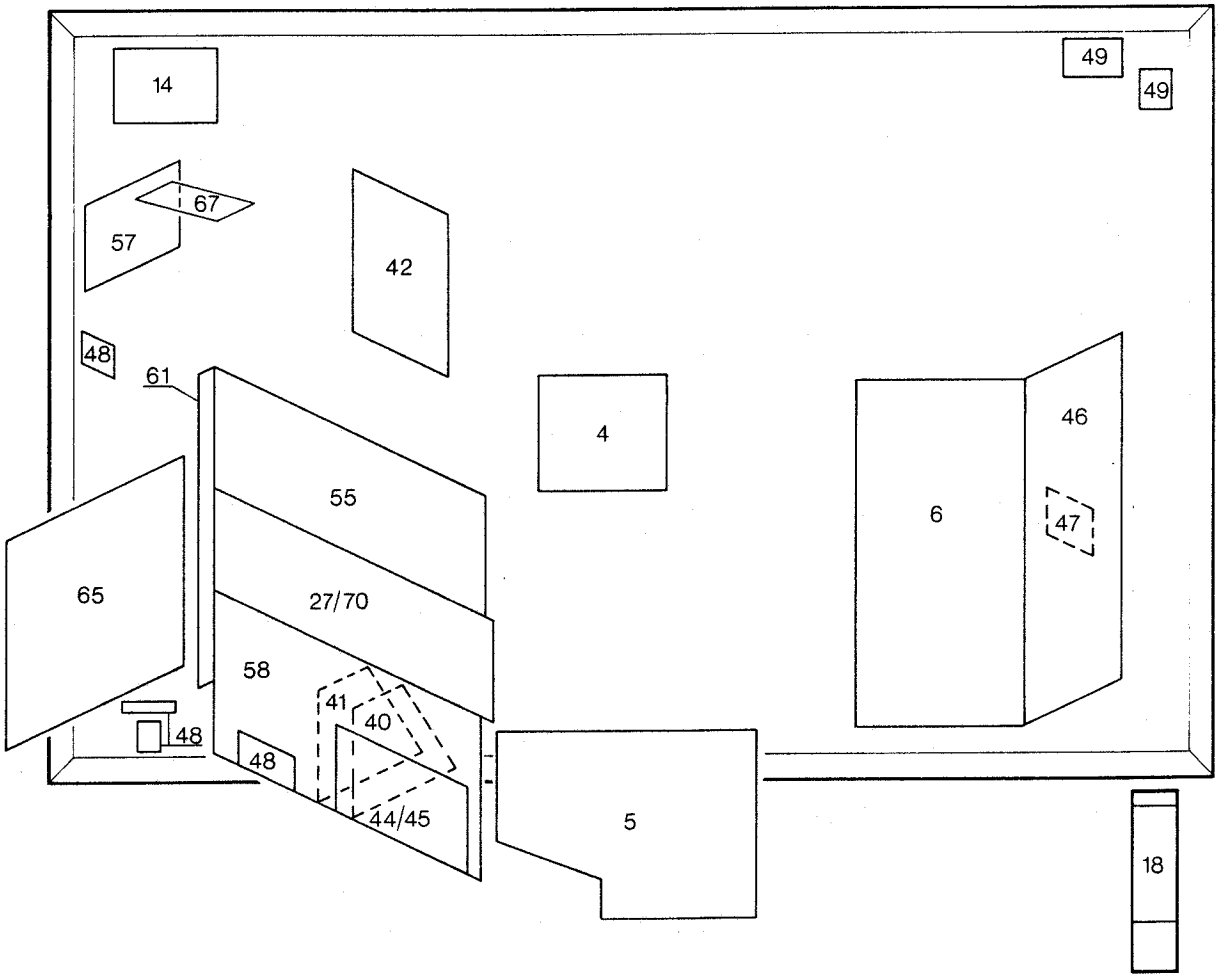
61 Mother Board Digital Stereo ..... diagr. A page 1-5

65 Teletext Decoder ..... diagr. H (Installation Kit) page 1-16

67 NTSC 4.43 MHz Unit ..... diagr. I (Installation Kit) page 1-4

70 Pal Decoder ..... diagr. B page 1-7



4 Video Output ..... diagr. B page 1-8

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9 AF Amplifier ..... diagr. B, D page 1-8, 11

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18 Video Terminal ..... diagr. J page 1-17

21 Headphone PCB ..... diagr. B, D page 1-8, 11

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44 Video In/Out ..... diagr. G page 1-15

45 Video In-In/Out ..... diagr. G (Installation Kit) page 1-14

46 Control Unit ..... diagr. E page 1-12

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56 Analog Digital ..... diagr. B, D, F page 1-8, 11, 13

58 Video IF ..... diagr. A, E page 1-6, 12

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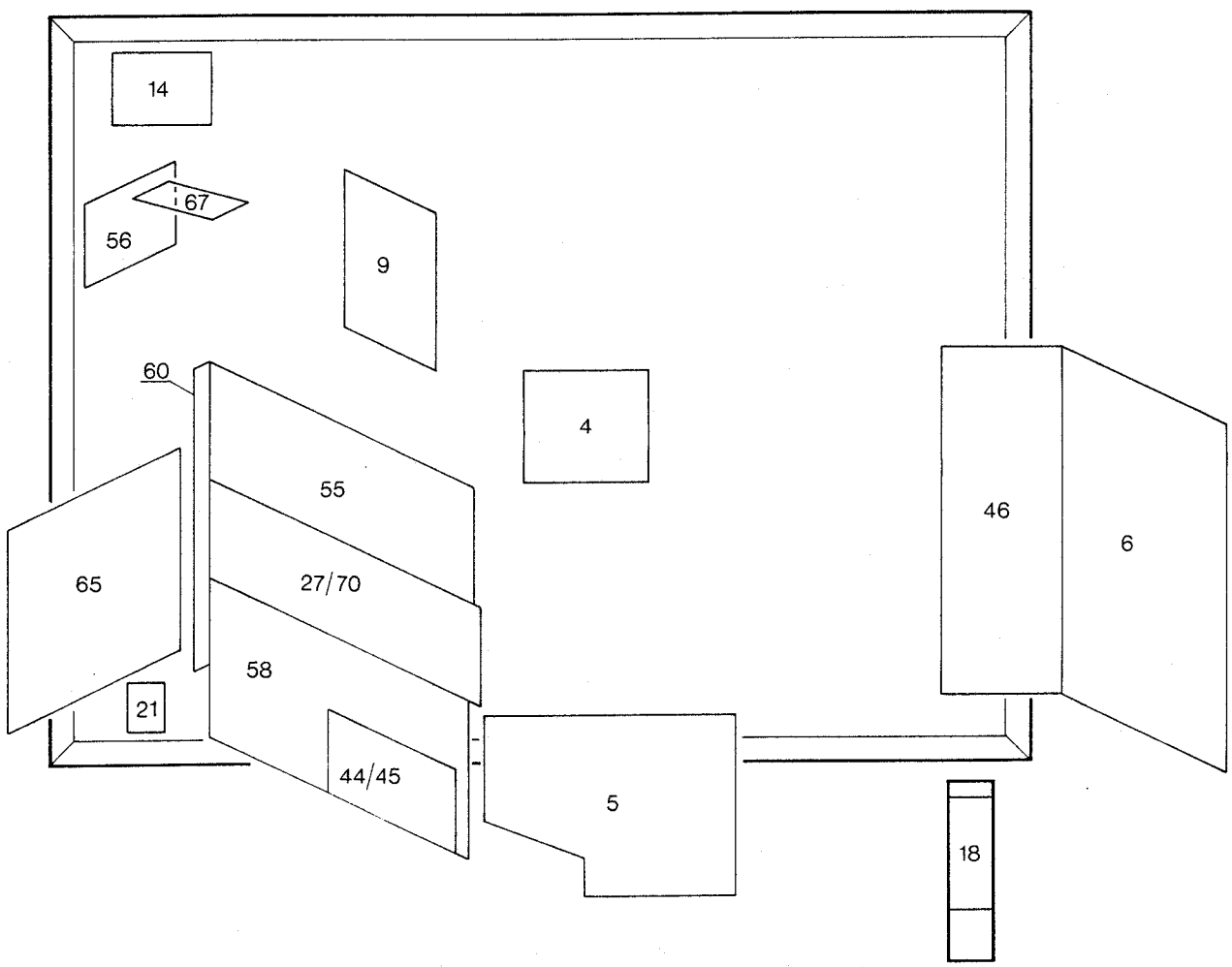
65 Teletext Decoder ..... diagr. H (Installation Kit) page 1-16

67 NTSC 4.43 MHz Unit ..... diagr. I (Installation Kit) page 1-4

70 Pal Decoder ..... diagr. B page 1-8



Beovision 5502-7702-8802-9002

KEY TO DIAGRAMS

Each individual diagram page is marked by a letter at the top, e.g. DIAGRAM A.

Component print and co-ordinate system

The PCB units have component print and co-ordinate system both on the print and on the component sides. In the diagrams all components have position and co-ordinate numbers, with the result that it is possible to find a given component in a circuit on the correct PCB unit by means of these numbers.

Cable connections in the diagrams

Some of the cable connections in the diagrams are assembled in »bundles«.
Each individual cable has its own code which tells to where it leads.

Fig. 1

Internal connection on a diagram page

Internal connections on a diagram page are indicated by a number. The break on the cable shows in what direction the other end of the cable is to be found (fig. 1).

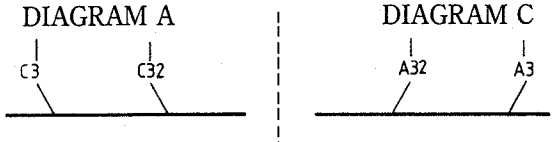


Fig. 2

Connection to another diagram page

Connections to another diagram page are indicated by a number together with the letter indication of the diagram to which the connection leads (fig. 2).

Ground symbols

Three different ground symbols are used in the diagrams:

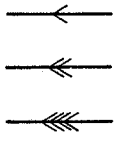
= Ground that is not galvanically separated from the mains. (Used in diagram E, PCB6).

= Ground

= Signal ground

Signal paths and IC markings

The signal paths are shown in the diagrams by means of semibold lines and arrow heads.
As shown, three different types of arrow head are used:



= Video, luminance and chrominance signals

= Sound signal

= Other signals

The arrow heads shown at the IC pins tell if the pin so indicated is an input or an output.

MEASURING CONDITIONS FOR DIAGRAMS

All DC voltages are measured relative to the chassis and with a voltmeter having an internal resistance of at least 2 Mohm. A VHF aerial signal of approx. 1 mV is applied, and brightness and contrast are adjusted to a nominal picture. This means that the brightness control has to be turned up until light is just visible in the black bar of the test pattern, and contrast is to be adjusted until 40 V_{pp} G. signal on the test point 4TP2 is measured.

The oscilloscope patterns on the diagrams are measured with approx. 1 mV VHF aerial signal with 100% saturated colour bar signal. Brightness and contrast have to be adjusted to a nominal picture as described above, and the colour saturation has to be adjusted to the optimum square signal on 4TP2 so that the colour bar signals correspond to the monochrome levels.

However, the following exceptions apply to the above:

PCB6 (Power supply) diagram E. The voltages and the oscilloscope patterns are measured with a mains voltage of 220V, and with turned down brightness and contrast (0 radiation current).

PCB44 (Video in/out) diagram G. The voltages in brackets apply when the receiver is in »Video in« mode, and voltages without brackets apply in »Video out« mode.

PCB58 (Video IF) diagram A. The voltages in brackets are measured without signal.

SYMBOL FOR SAFETY RESISTORS

When replacing components with this symbol the same type has to be used, aslo the same values for ohm and watt. The new component is to be mounted in the same way as the replaced one.

DIAGRAM I (NTSC 4.43 MHz) see page 9-3

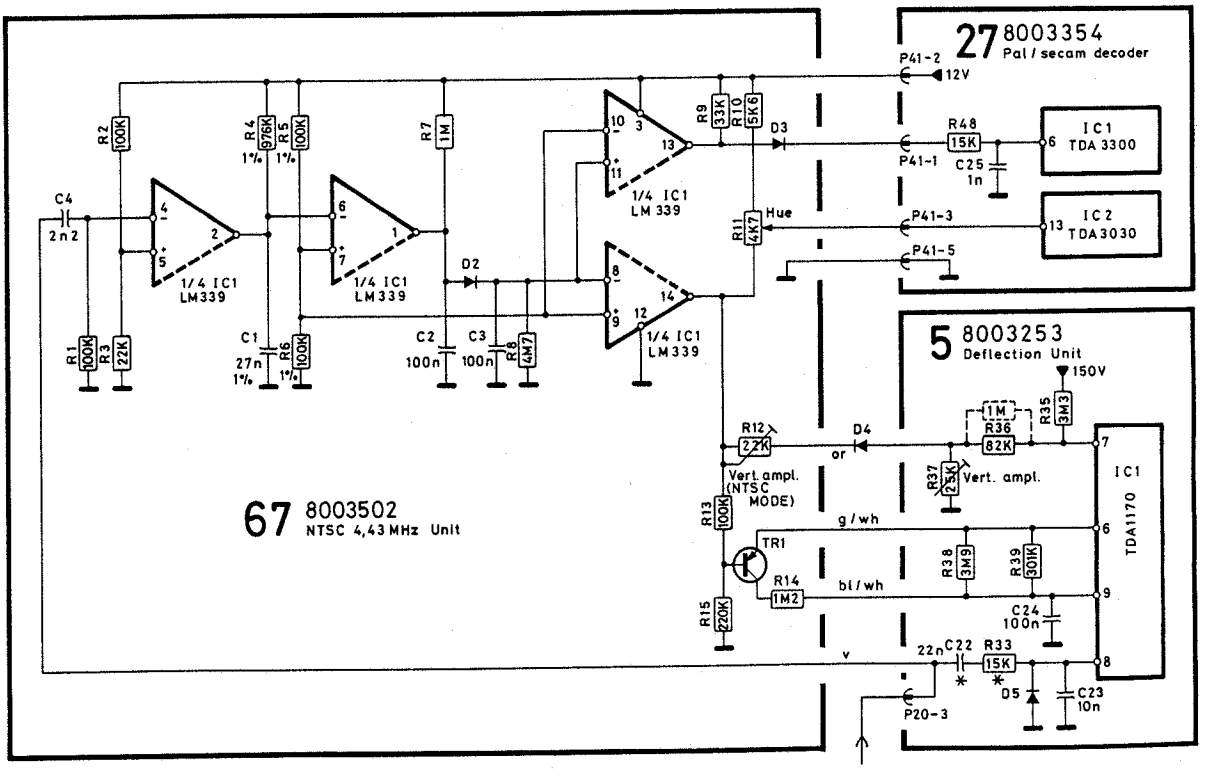


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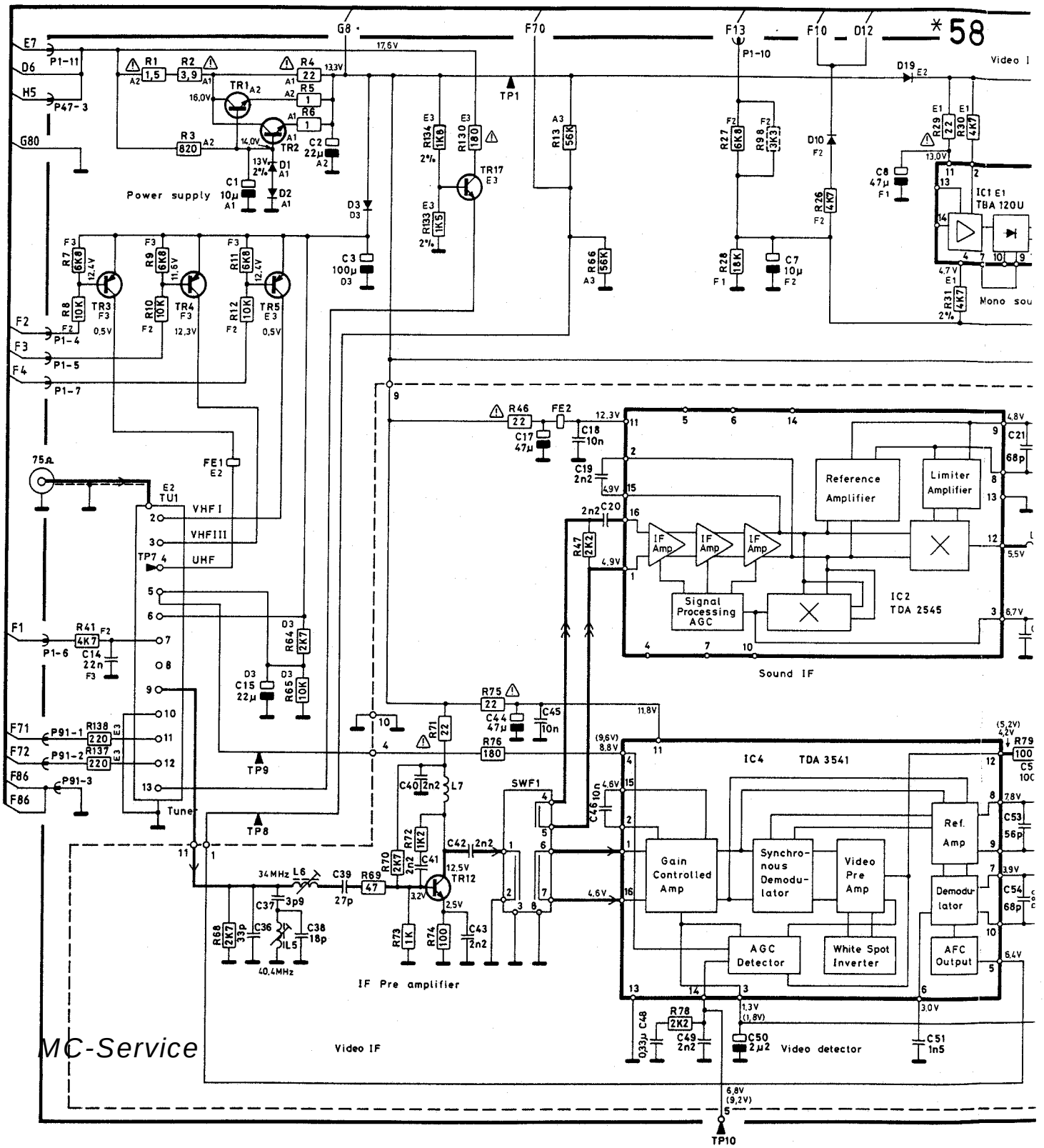
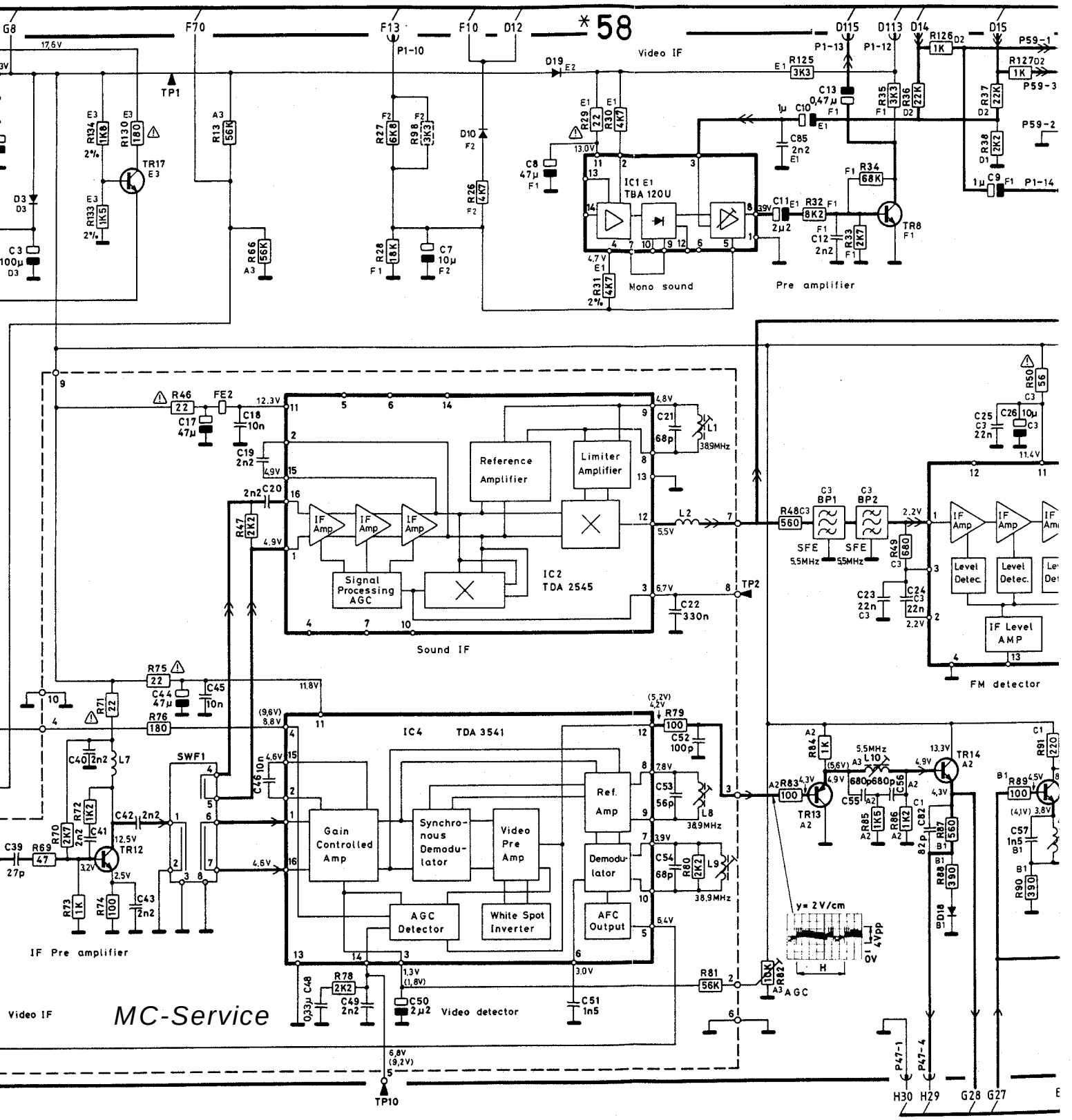
DIAGRAM A STEREO (VIDEO IF, AUDIO IF)



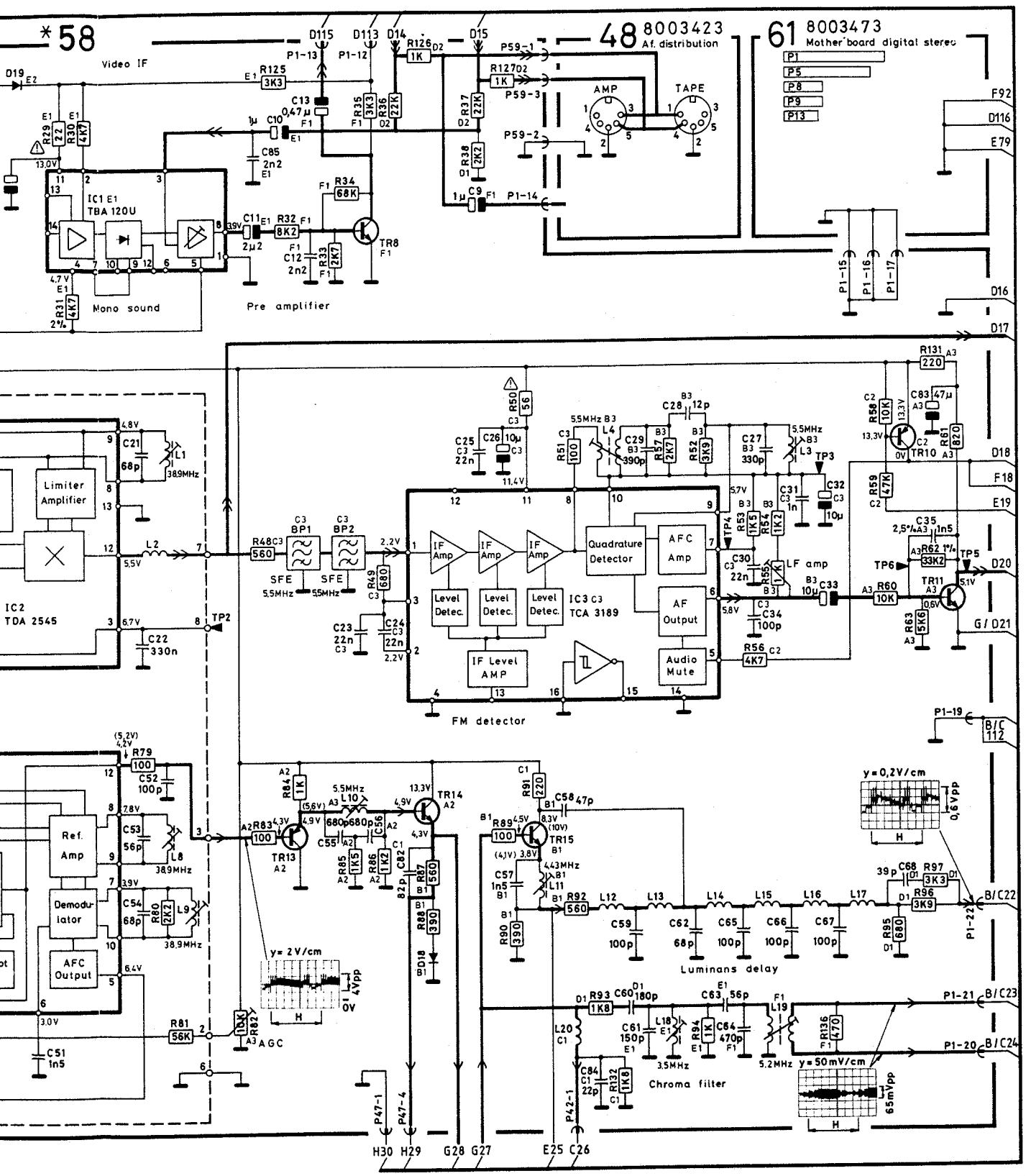
*

TYPE	PCB58	58TU1	58SWF1	58BP1	58BP2	58R48	58R49	58TR3
7510, 7511, 7210, 7211,	8003462	8050416	8030027	8030021 (5.5 MHz)	x	560 V	680 V	x
7030, 7020,	8003483	8050042	8030027	8030021 (5.5 MHz)	x	560 V	680 V	x
7533, 7233,	8003466	8050419	8030032	8030033 (6 MHz)	Short Circuit	470 V	560 V	Short Circuit

DIO IF)

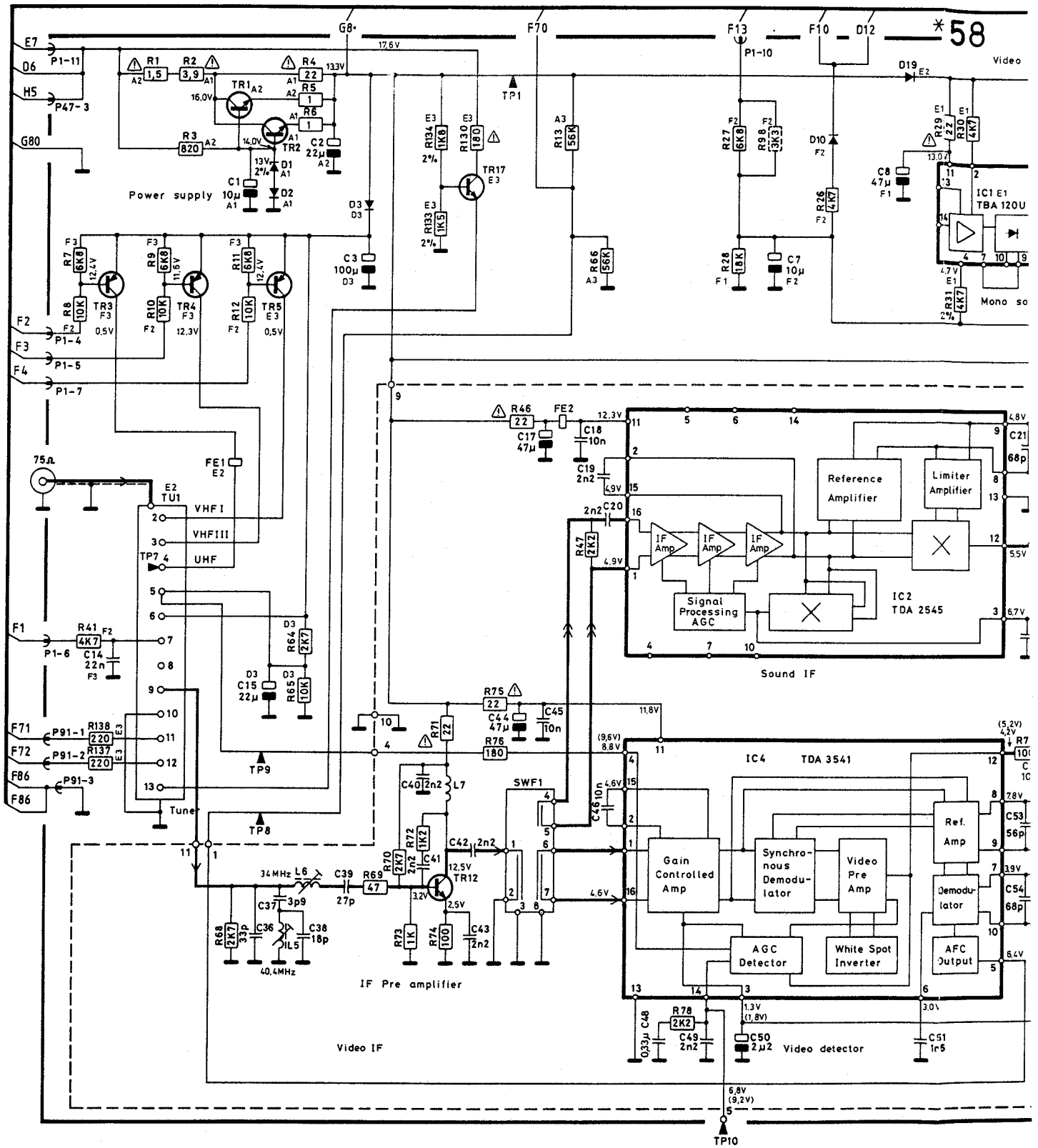


	PCB58	58TU1	58SWF1	58BP1	58BP2	58R48	58R49	58TR3	58TR4-5	58R7-12	58C36	58C39	58L2(
	8003462	8050416	8030027	8030021 (5.5 MHz)	x	560 V	680 V	x	x	x	33p	27p	x
	8003483	8050042	8030027	8030021 (5.5 MHz)	x	560 V	680 V	x	x	x	33p	27p	x
	8003466	8050419	8030032	8030033 (6 MHz)	Short Circuit	470 V	560 V	Short Circuit	0	0	39p	47p	Short Circuit



58R49	58TR3	58TR4-5	58R7-12	58C36	58C39	58L20	58C84	58R132	58R96	58L5	58L3,L4,L10
680 V	x	x	x	33p	27p	x	x	x	3K9	Adjust to 40.4 MHz	Adjust to 5.5 MHz
680 V	x	x	x	33p	27p	x	x	x	3K9	Adjust to 40.4 MHz	Adjust to 5.5 MHz
560 V	Short Circuit	0	0	39p	47p	Short Circuit	0	0	3K3	Adjust to 40.9 MHz	Adjust to 6 MHz

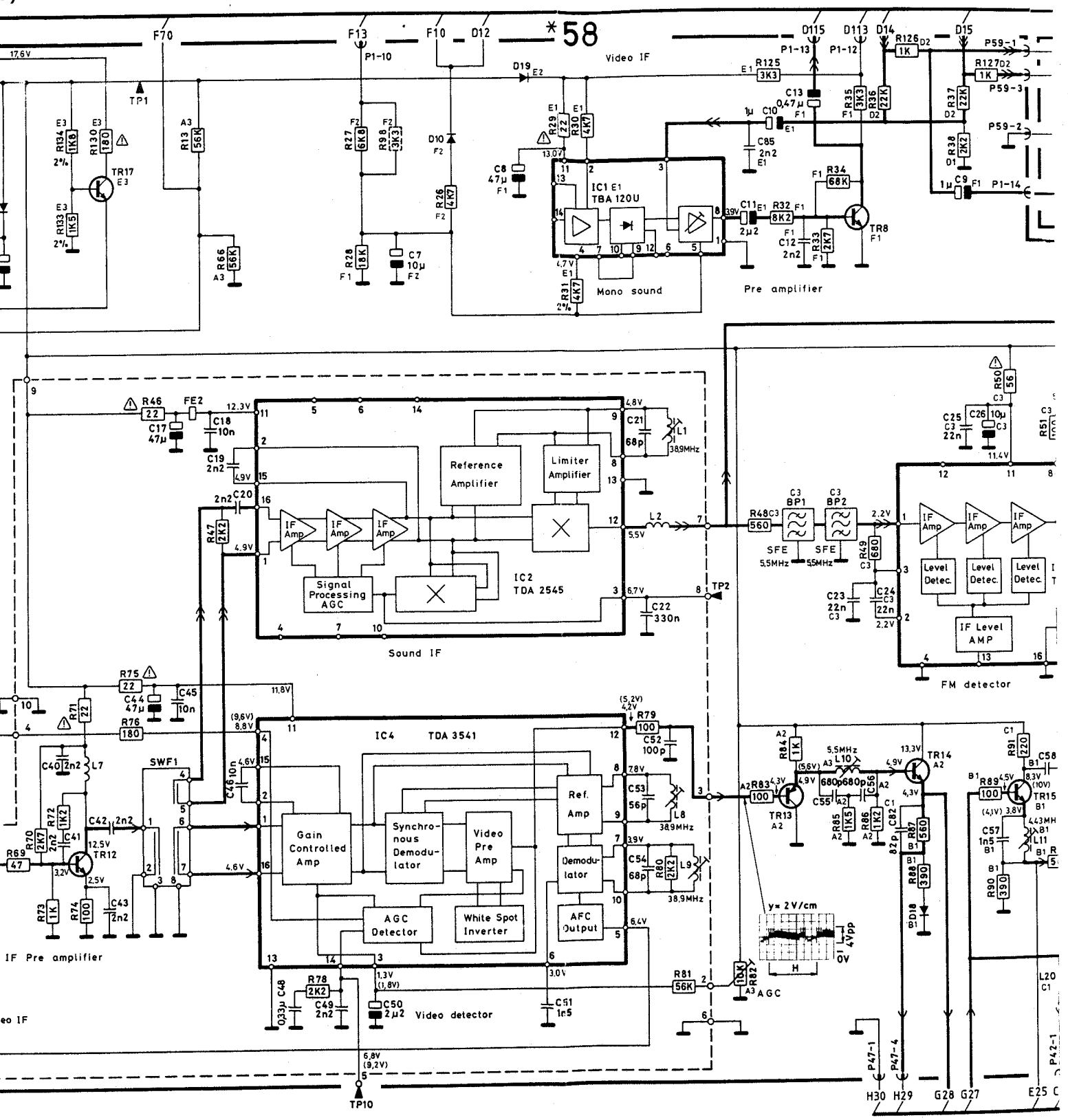
DIAGRAM A MONO (VIDEO IF, AUDIO IF)



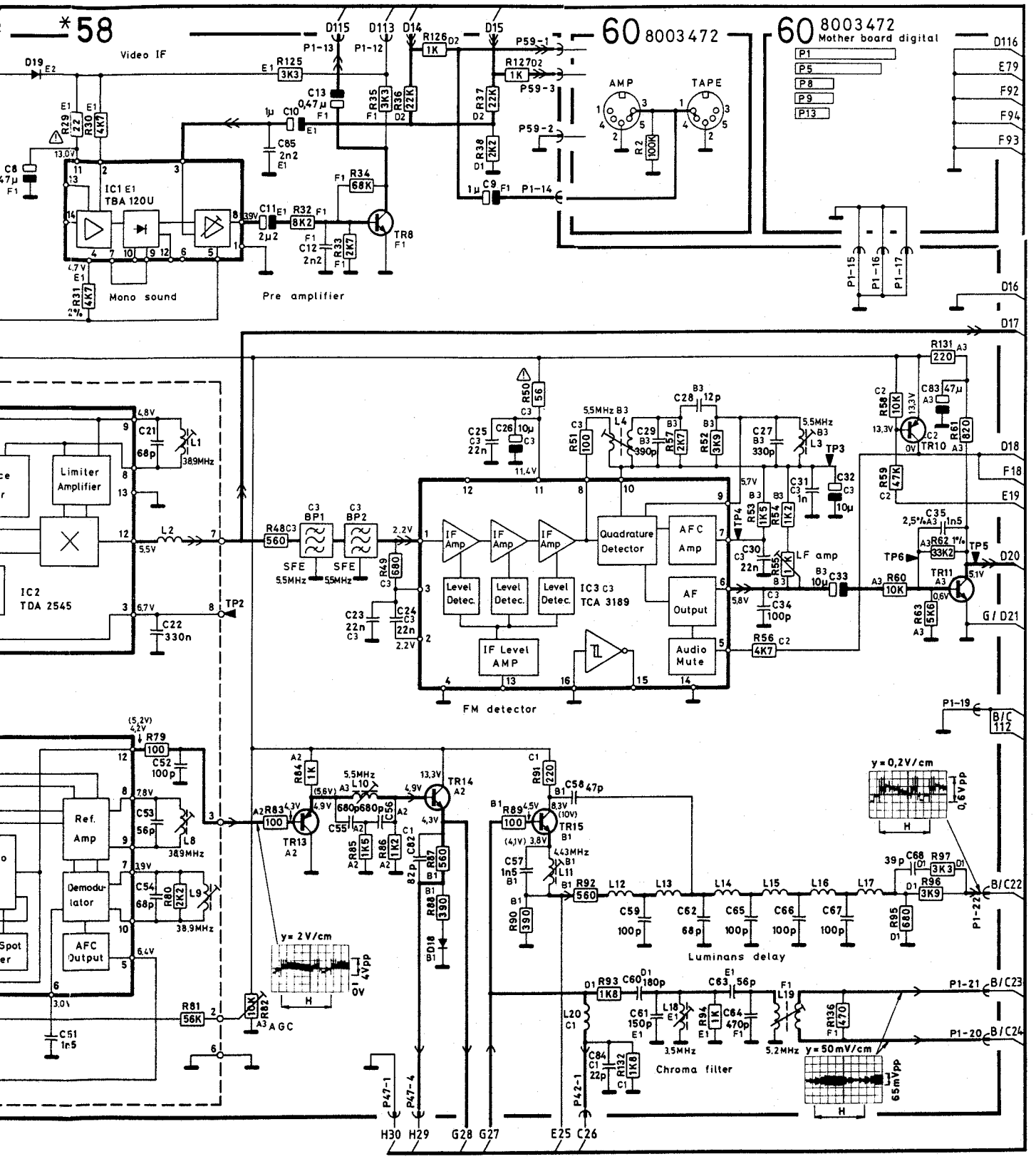
*

TYPE	PCB58	58TU1	58SWF1	58BP1	58BP2	58R48	58R49	58TR3
7710, 7711, 7410, 7411, 7412, 7110, 7111, 7112, 7003	8003462	8050416	8030027	8030021 (5.5 MHz)	x	560 Ω	680 Ω	x
7090, 7070, 7072, 7073, 7050, 7052, 7053	8003483	8050042	8030027	8030021 (5.5 MHz)	x	560 Ω	680 Ω	x
7733, 7433, 7133, 7004	8003466	8050419	8030032	8030033 (6 MHz)	Short Circuit	470 Ω	560 Ω	Short Circuit

F)

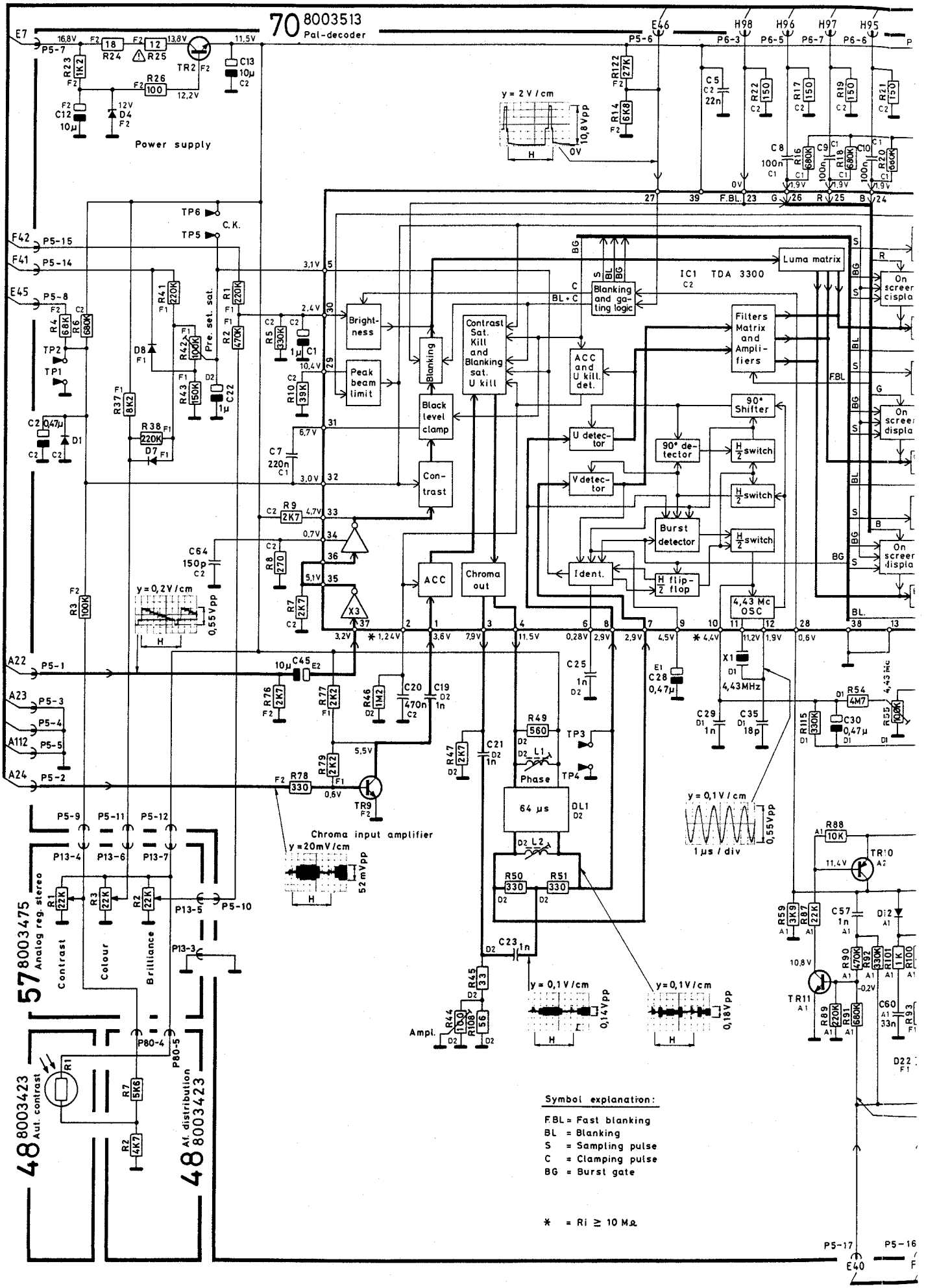


PCB58	58TU1	58SWF1	58BP1	58BP2	58R48	58R49	58TR3	58TR4-5	58R7-12	58C36	58C39	58L20
8003462	8050416	8030027	8030021 (5.5 MHz)	x	560 Ω	680 Ω	x	x	x	33p	27p	x
8003483	8050042	8030027	8030021 (5.5 MHz)	x	560 Ω	680 Ω	x	x	x	33p	27p	x
8003466	8050419	8030032	8030033 (6 MHz)	Short Circuit	470 Ω	560 Ω	Short Circuit	0	0	39p	47p	Short Circuit

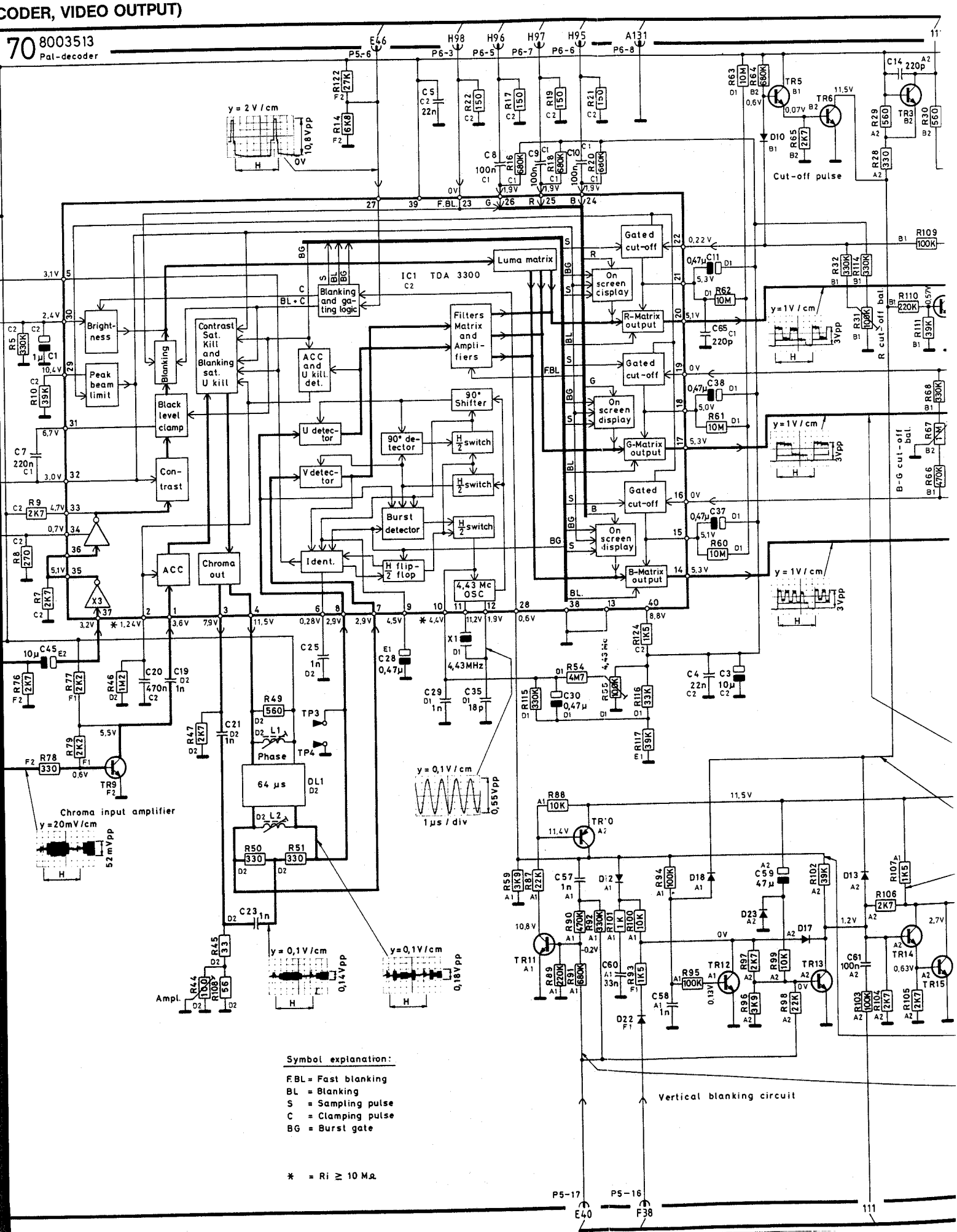


	58R49	58TR3	58TR4-5	58R7-12	58C36	58C39	58L20	58C84	58R132	58R96	58L5	58L3,L4,L10
	680 Ω	x	x	x	33p	27p	x	x	x	3K9	Adjust to 40.4 MHz	Adjust to 5.5 MHz
	680 Ω	x	x	x	33p	27p	x	x	x	3K9	Adjust to 40.4 MHz	Adjust to 5.5 MHz
	560 Ω	Short Circuit	0	0	39p	47p	Short Circuit	0	0	3K3	Adjust to 40.9 MHz	Adjust to 6 MHz

DIAGRAM B STEREO (PAL DECODER, VIDEO OUTPUT)



70 8003513 Pal-decoder



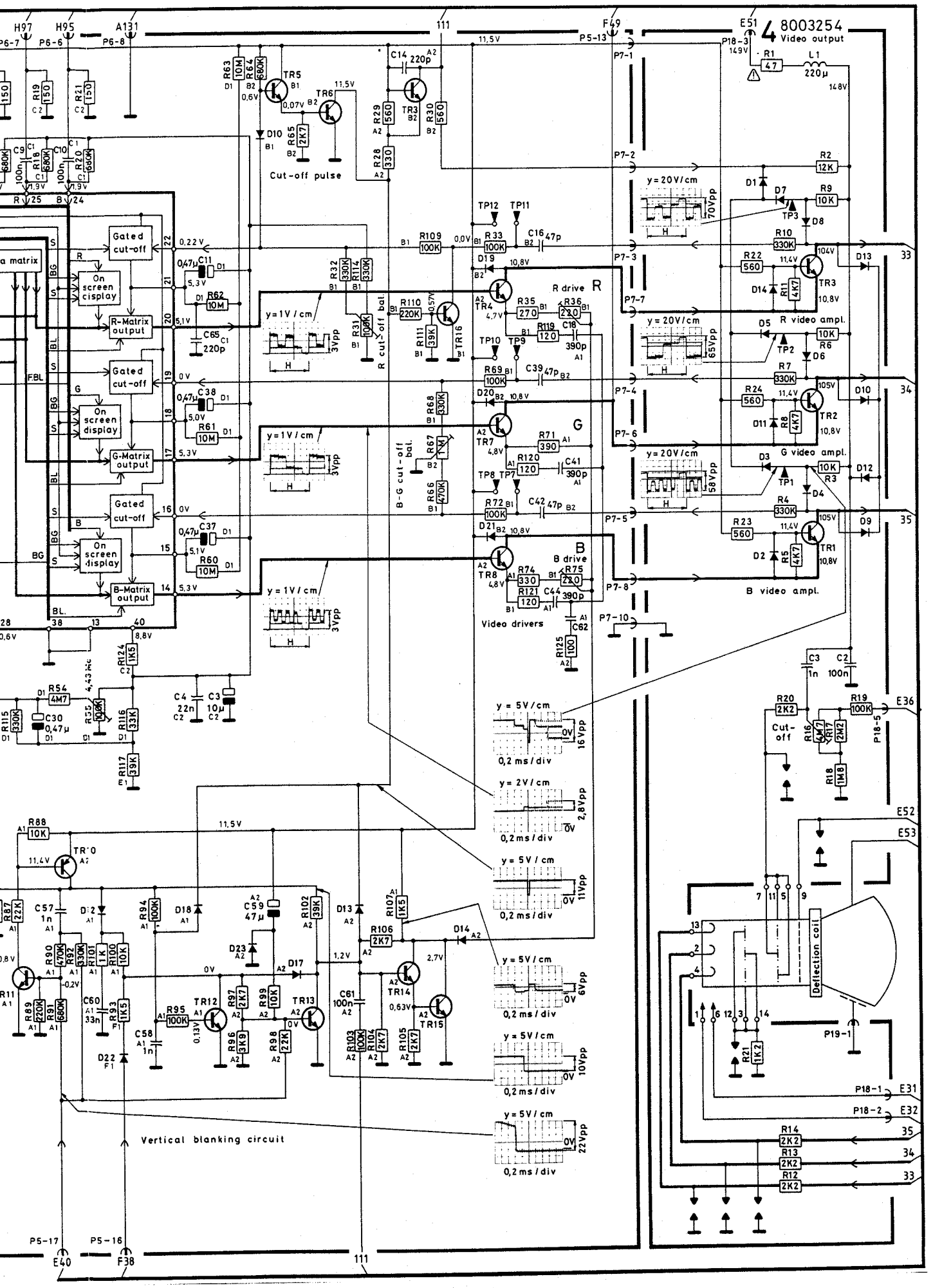
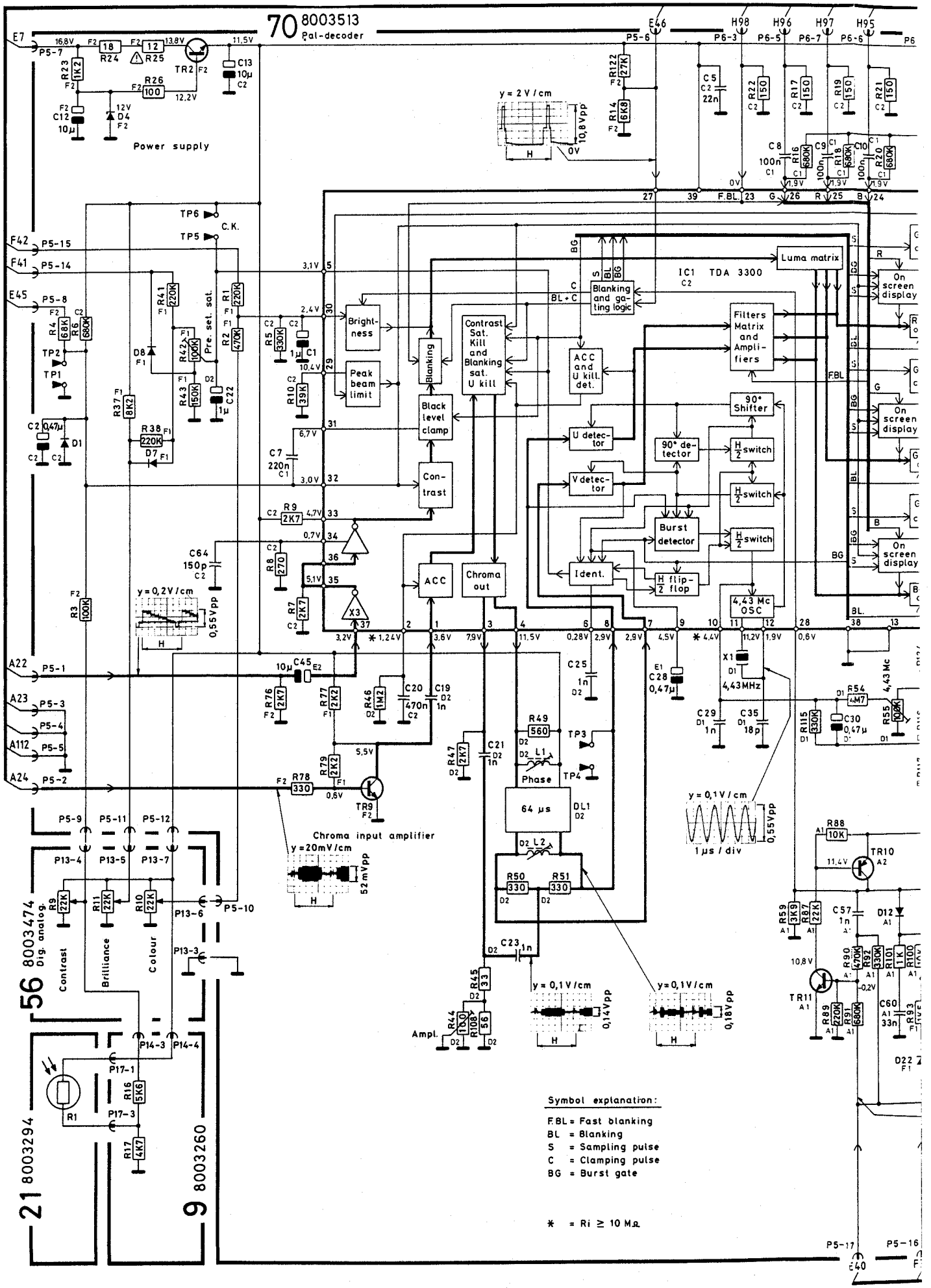
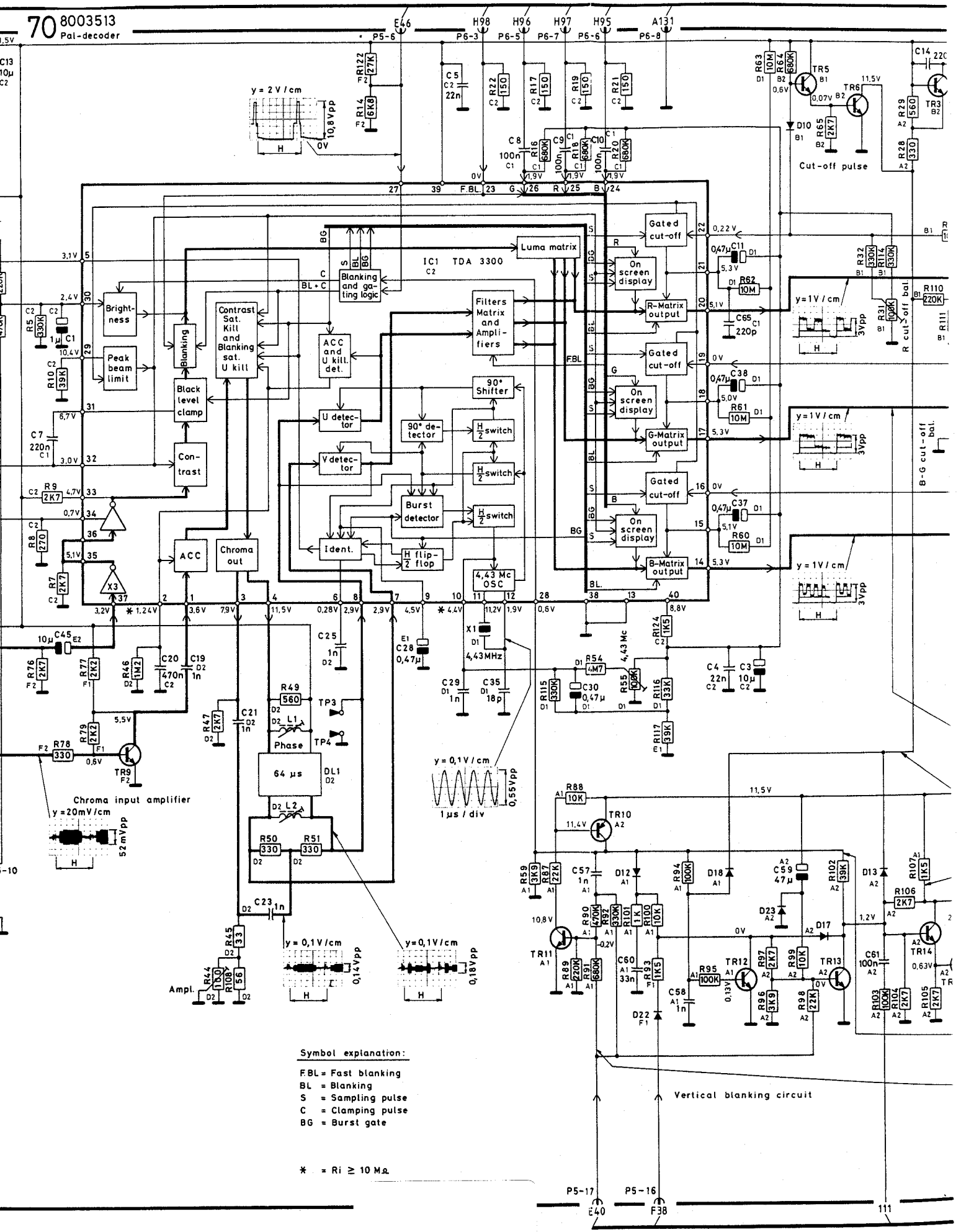
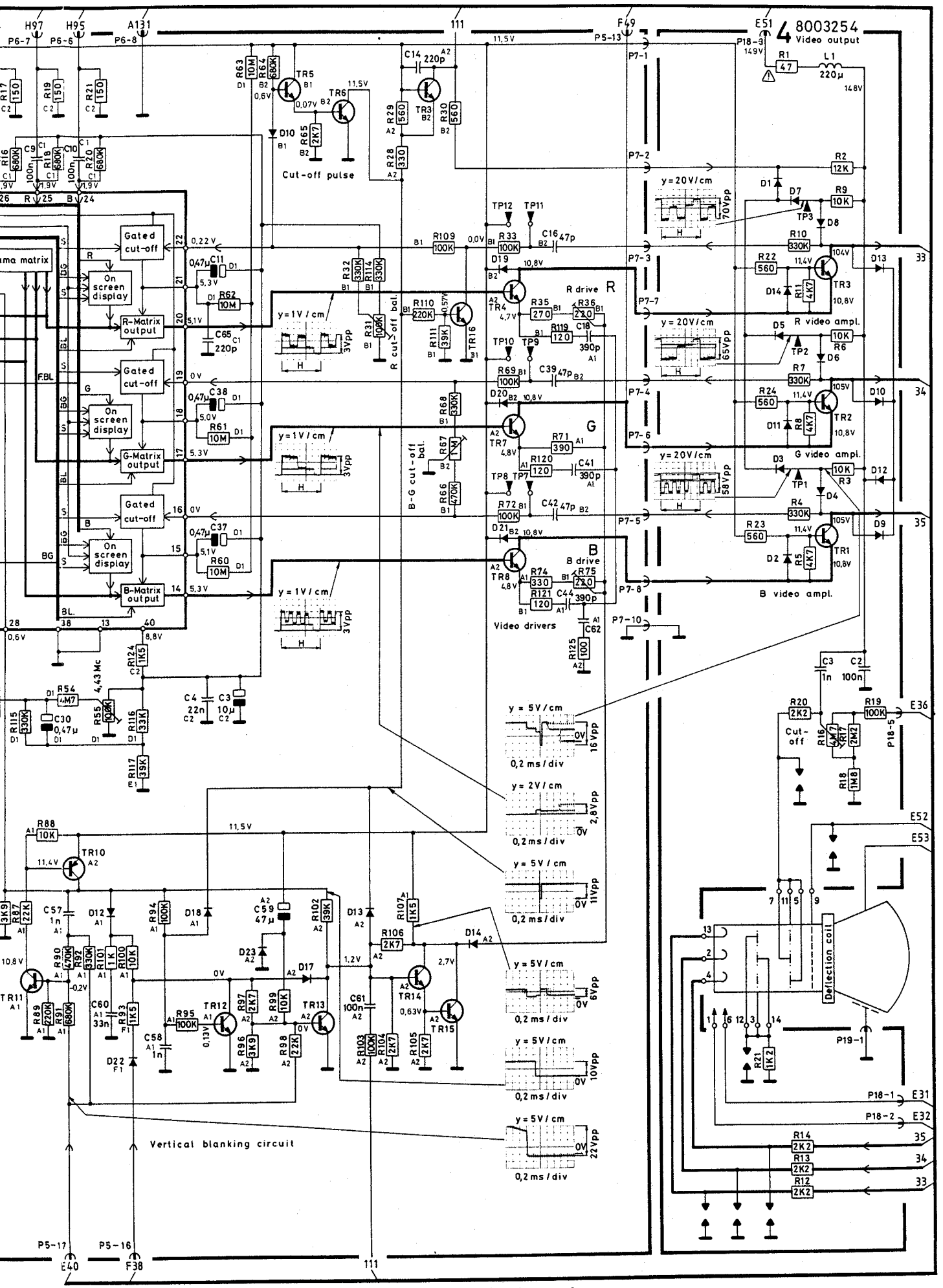

4 8003254
Video output
Cut-off pulse
R drive
G drive
B drive
R video ampl.
G video ampl.
B video ampl.
Video drivers
Gated cut-off
On screen display
R-Matrix output
G-Matrix output
B-Matrix output
R cut-off bal.
B-G cut-off bal.
Vertical blanking circuit
Deflection coil
Cut-off
y = 1V / cm
y = 20V / cm
y = 5V / cm
y = 2V / cm
0,2 ms / div
0,2 ms/div

DIAGRAM B MONO (PAL DECODER, VIDEO OUTPUT)

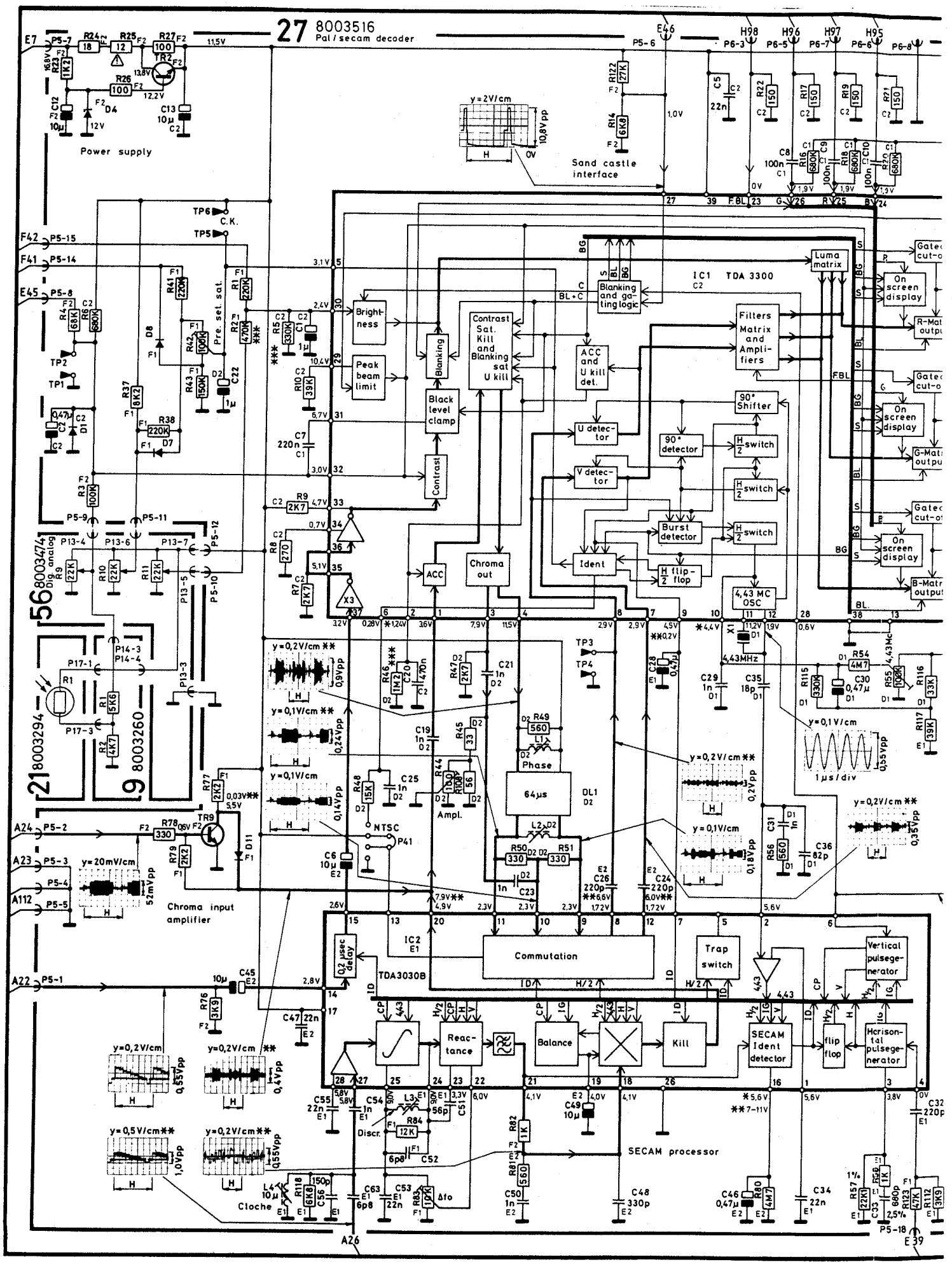


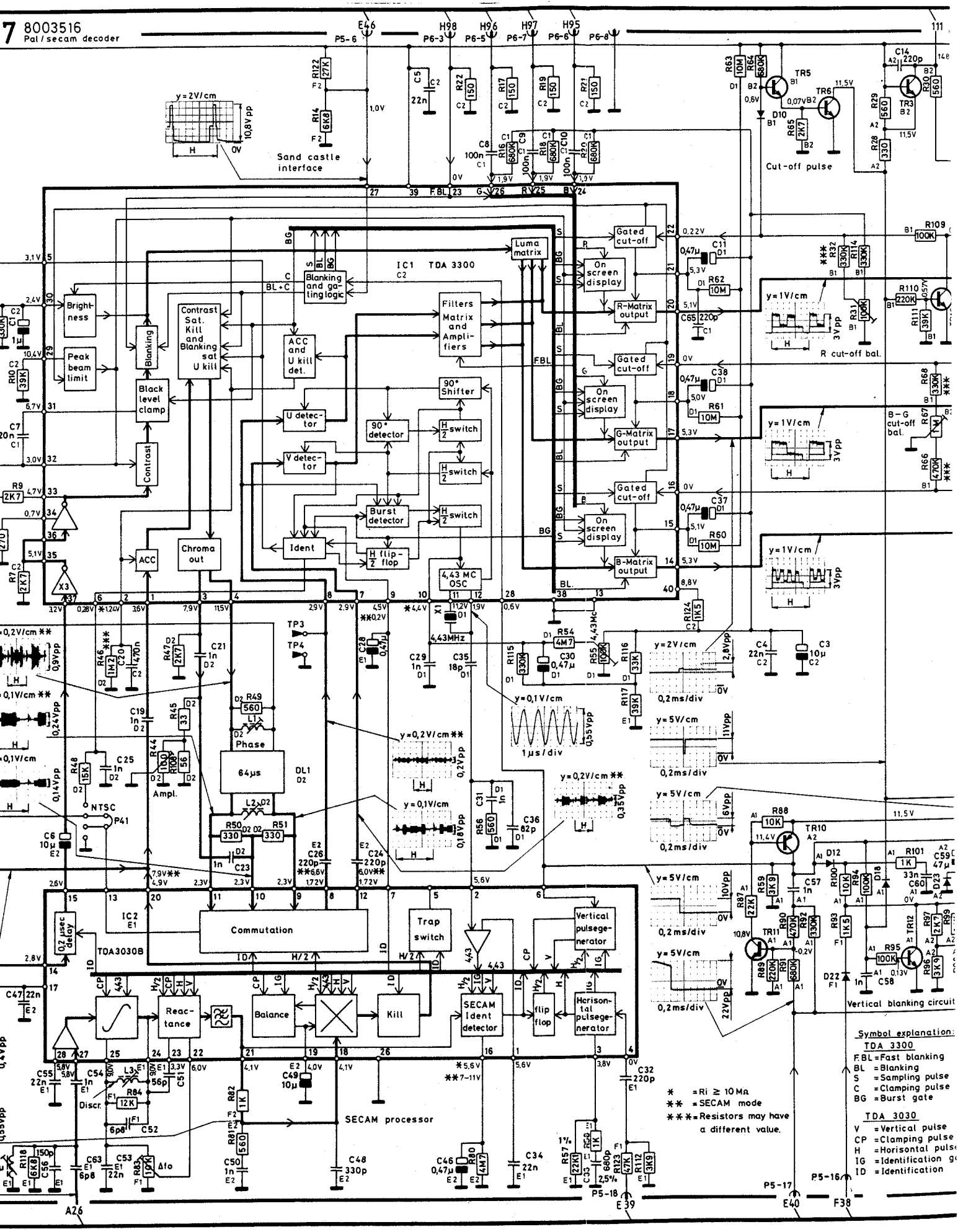

70 8003513
Pal-decoder
IC1 TDA 3300
Luma matrix
Blanking and gating logic
Brightness
Peak beam limit
Blanking
Contrast Sat. Kill and Blanking sat. U kill
Black level clamp
Contrast
ACC and U kill. det.
Filters Matrix and Amplifiers
90° Shifter
U detector
90° detector
V detector
H/2 switch
Burst detector
Ident.
H flip-flop
4,43 Mc OSC
ACC
Chroma out
Gated cut-off
On screen display
R-Matrix output
G-Matrix output
B-Matrix output
Cut-off pulse
R cut-off bal.
B-G cut-off bal.
Chroma input amplifier
Phase
64 µs
DL1
Vertical blanking circuit
Symbol explanation:
FBL = Fast blanking
BL = Blanking
S = Sampling pulse
C = Clamping pulse
BG = Burst gate
* = Ri ≥ 10 MΩ

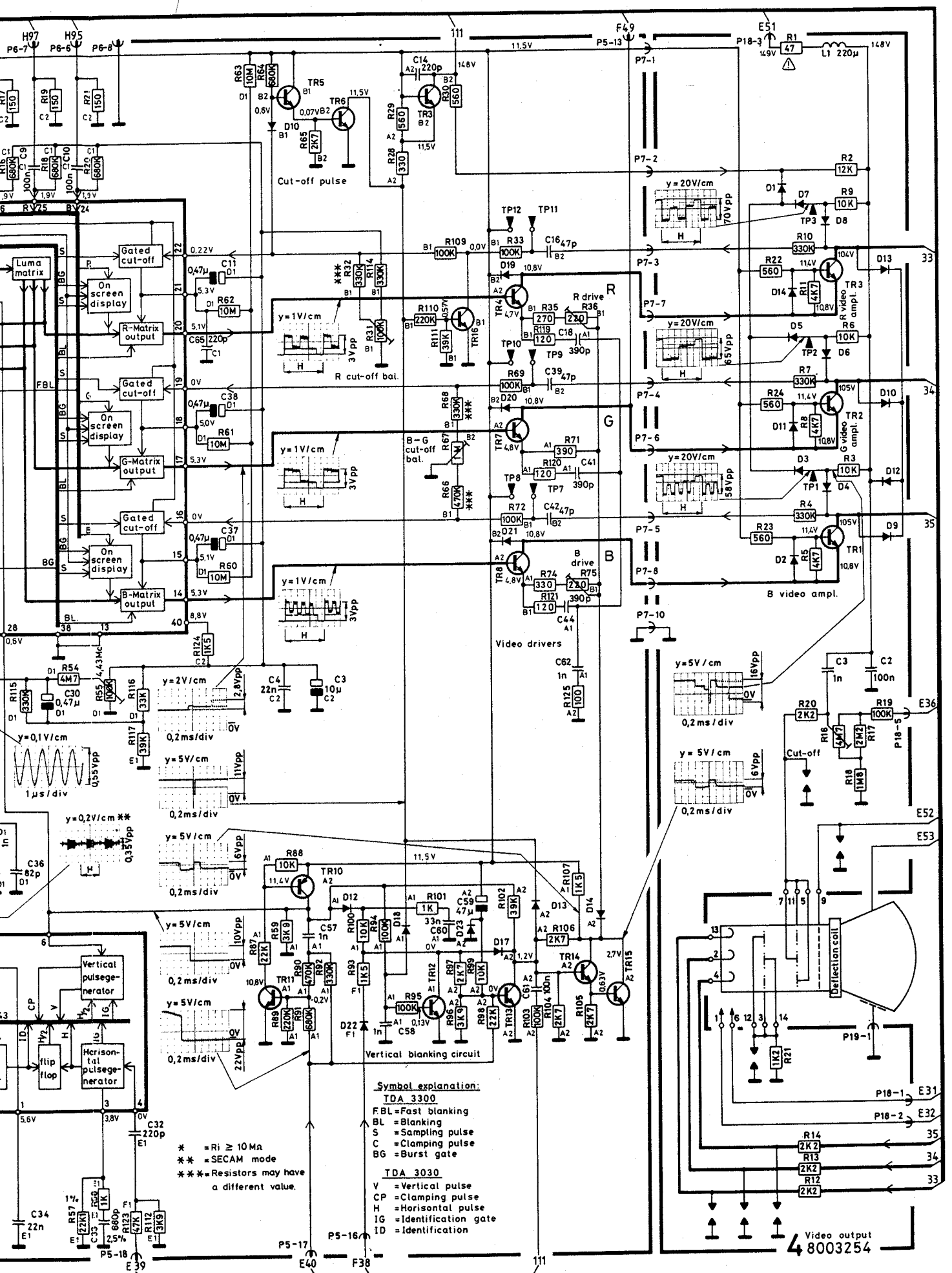

4 8003254
Video output
Cut-off pulse
R drive
G drive
B drive
R video ampl.
G video ampl.
B video ampl.
Video drivers
Vertical blanking circuit
On screen display
Gated cut-off
R-Matrix output
G-Matrix output
B-Matrix output
Deflection coil
y = 1V / cm
y = 20V / cm
y = 5V / cm
y = 2V / cm
0,2 ms / div

Bang&Olufsen

DIAGRAM C (PAL/SECAM DECODER, VIDEO OUTPUT) see page 9-3

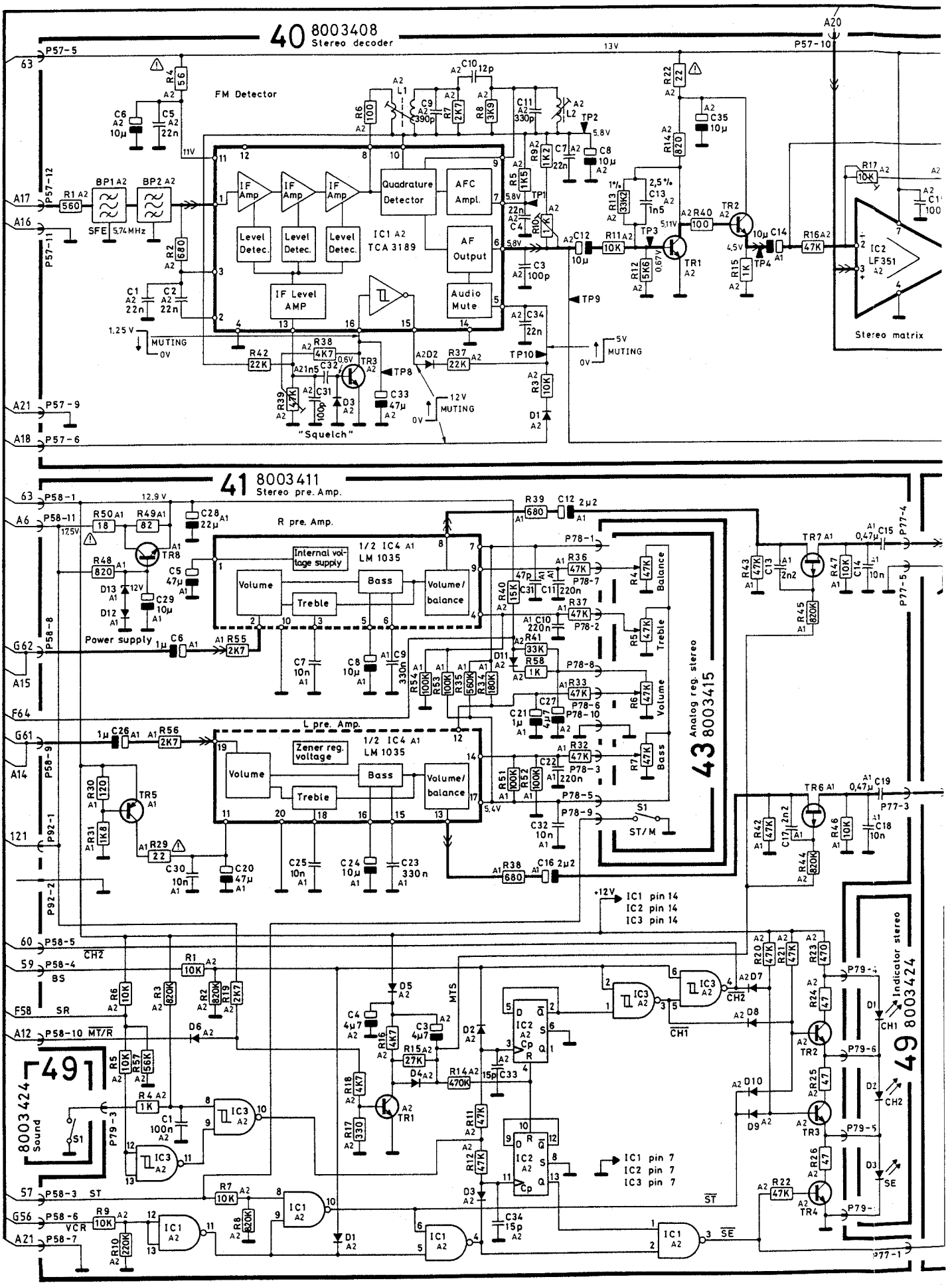



7 8003516
Pal / secam decoder
IC1 TDA 3300
Luma matrix
Blanking and gating logic
Brightness
Peak beam limit
Contrast Sat. Kill and Blanking sat U kill
Blanking
Black level clamp
Contrast
ACC and U kill det.
Filters Matrix and Amplifiers
90° Shifter
U detector
90° detector
V detector
H/2 switch
Burst detector
Ident
H flip-flop
4,43 MC OSC
ACC
Chroma out
Gated cut-off
On screen display
R-Matrix output
G-Matrix output
B-Matrix output
Sand castle interface
Cut-off pulse
R cut-off bal.
B-G cut-off bal.
Phase
64µs
DL1
Ampl.
NTSC
P41
IC2
TDA3030B
Commutation
Trap switch
Vertical pulsegenerator
Reactance
Balance
Kill
SECAM Ident detector
flip flop
Horisontal pulsegenerator
SECAM processor
Discr.
Vertical blanking circuit
Symbol explanation:
TDA 3300
F.BL = Fast blanking
BL = Blanking
S = Sampling pulse
C = Clamping pulse
BG = Burst gate
TDA 3030
V = Vertical pulse
CP = Clamping pulse
H = Horisontal pulse
IG = Identification g
ID = Identification
* = Ri ≥ 10 MΩ
** = SECAM mode
*** = Resistors may have a different value.
A26
E39
E40
F38
P5-17
P5-16
P5-18

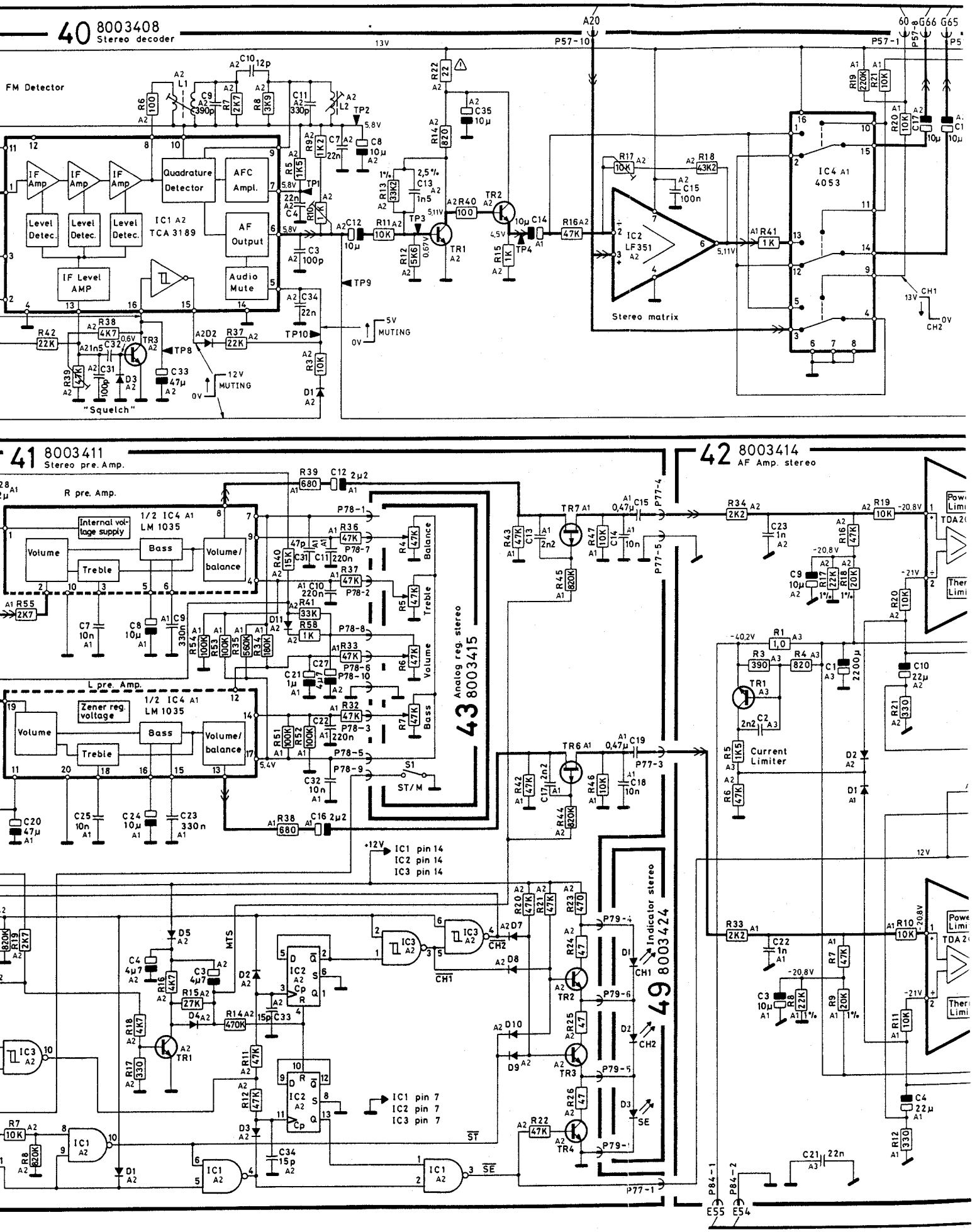

Cut-off pulse
R cut-off bal.
B-G cut-off bal.
Video drivers
R drive
G drive
B drive
R video ampl.
G video ampl.
B video ampl.
Vertical blanking circuit
Deflection coil
Video output
Symbol explanation:
TDA 3300
F.BL = Fast blanking
BL = Blanking
S = Sampling pulse
C = Clamping pulse
BG = Burst gate
TDA 3030
V = Vertical pulse
CP = Clamping pulse
H = Horisontal pulse
IG = Identification gate
ID = Identification
* = Ri ≥ 10 MΩ
** = SECAM mode
*** = Resistors may have a different value.

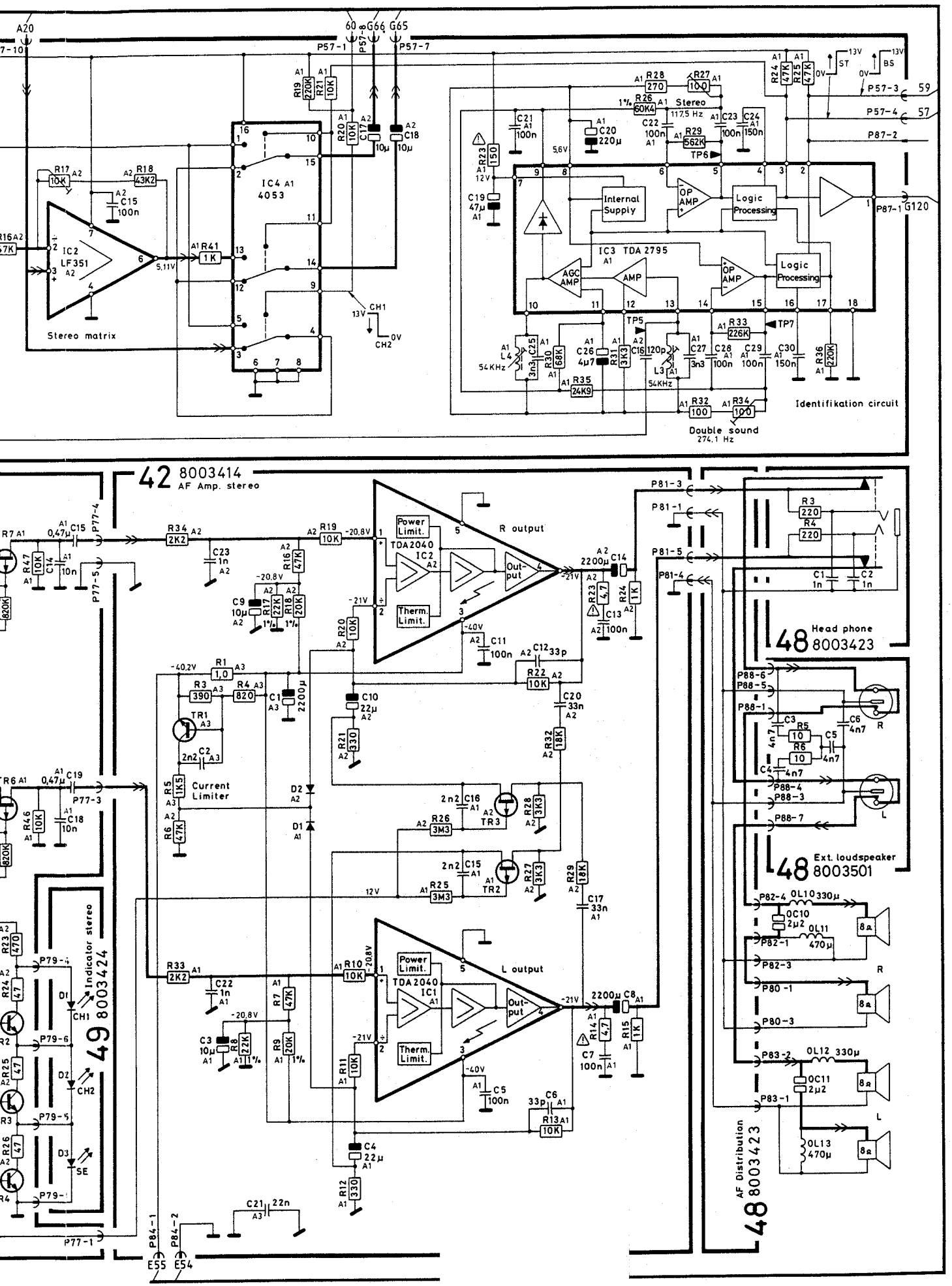
For type 7533, 7233 (without stereo decoder) see page 1-11 plug P57-7, P57-8, P57-10

DIAGRAM D STEREO (STEREO DECODER, – PRE AMPL., – AF AMPL.)



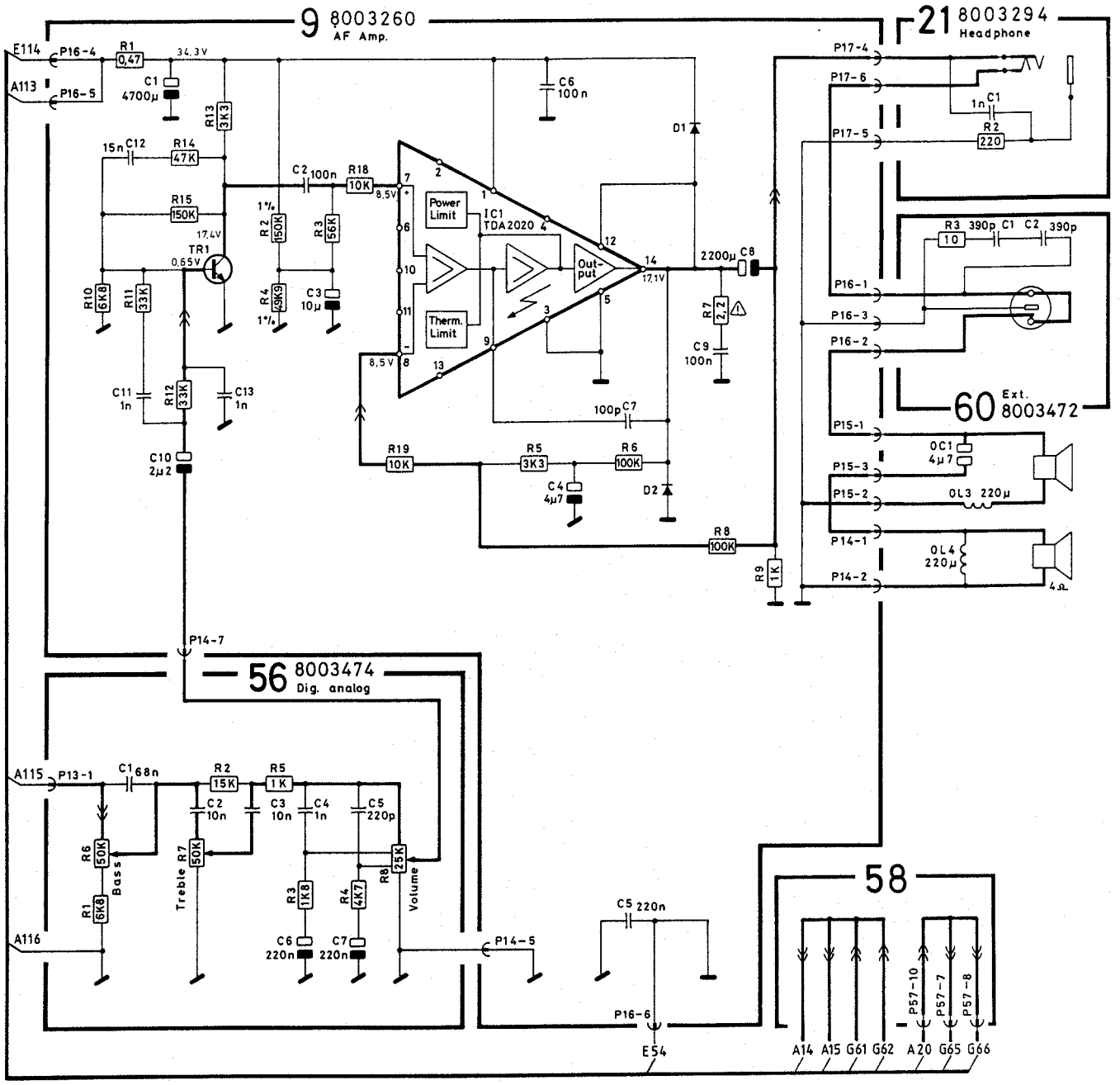
STEREO DECODER, – PRE AMPL., – AF AMPL.)




42 8003414
AF Amp. stereo
IC4 A1 4053
IC2 LF351
Stereo matrix
IC3 TDA 2795
Internal Supply
OP AMP
Logic Processing
AGC AMP
AMP
Identifikation circuit
Double sound
274.1 Hz
Stereo
117,5 Hz
IC2 TDA2040
Power Limit.
Therm. Limit.
R output
L output
Current Limiter
Indicator stereo
49 8003424
48 Head phone 8003423
48 Ext. loudspeaker 8003501
48 AF Distribution 8003423

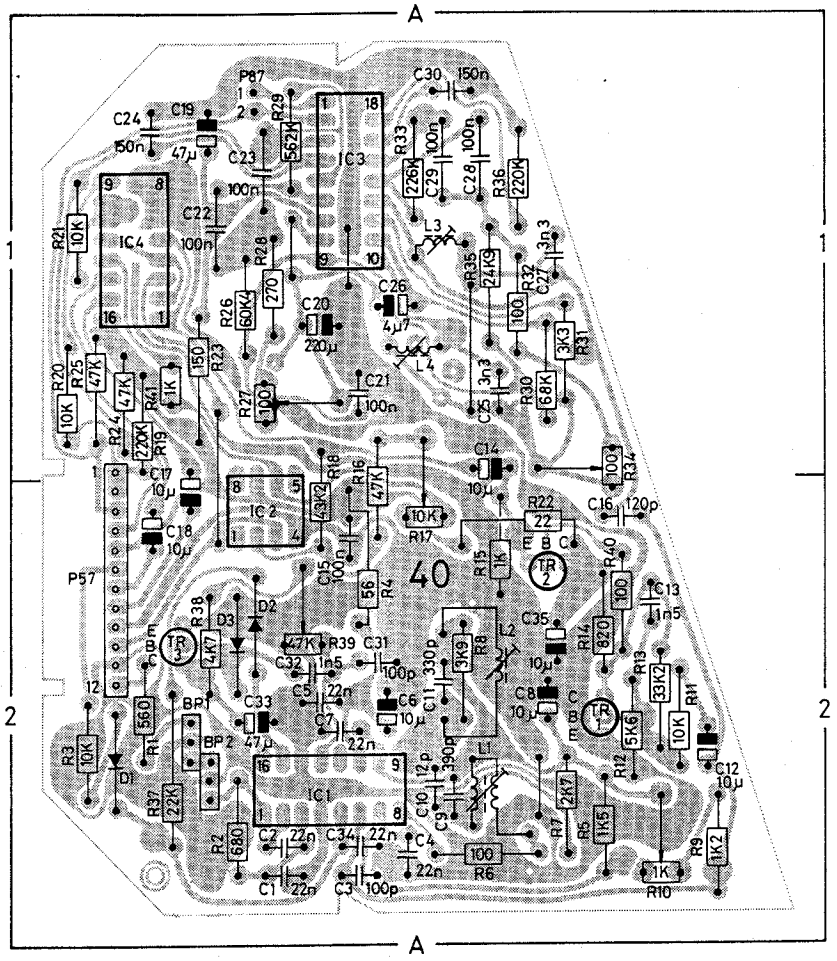
Bang&Olufsen

DIAGRAM D MONO (AF AMPL.) (For PCB9 with TDA 2040 see page 1-14A)

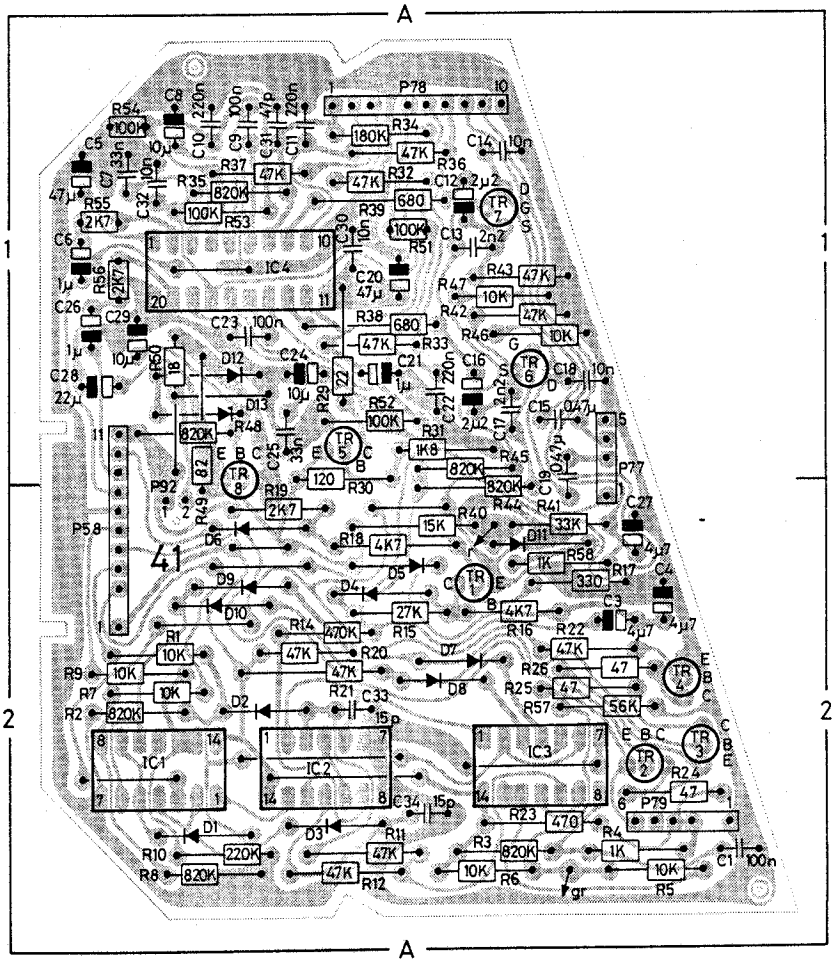


FUNCTION TABLE FOR PC 41																
MODE		OPERATIONS				INPUTS / OUTPUTS								INDICATIONS		
		SOUND		STEREO/MONO		41P58				41IC1		41IC3		◀	■	▶
		Manual (49S1)	Remote	Stereo (57S1)	Mono (57S1)	Pin 3 (ST)	Pin 4 (BS)	Pin 5 (CH2)	Pin 6 (VCR)	Pin 3	Pin 10	Pin 3	Pin 4	CH1 (49D1)	SE (49D3)	CH2 (49D2)
Mono	M					0	0	1	0	1	1	1	1			
Stereo	ST			X		1	0	1	0	1	0	1	1	X		X
					X	0	0	1	0	1	1	1	1			
	SE	X		X		1	0	1	0	0	0	1	1	X	X	X
			X	X		1	0	1	0	0	0	1	1	X	X	X
					X	0	0	1	0	1	1	1	1			
Bilingual sound	CH1					0	1	1	0	1	1	0	1	X		
	CH2					0	1	0	0	1	1	1	0			X
VCR (Playback)	M					0	0	1	1	1	1	1	1			
	ST					0	0	1	1	1	1	1	1			
	SE	X	X			0	0	1	1	0	1	1	1		X	

PCB40, Stereo decoder seen from component side



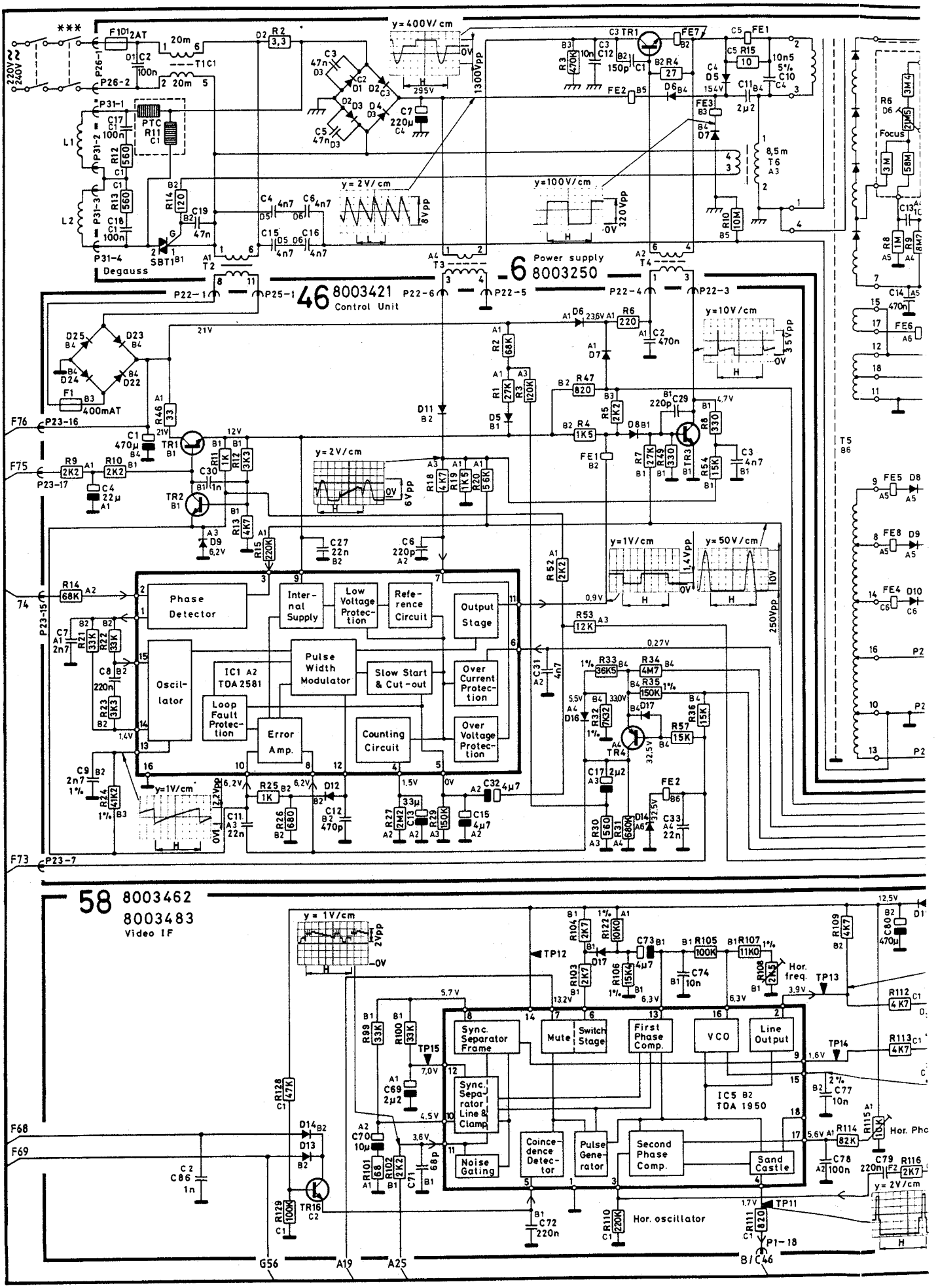
PCB41, Stereo pre. amplifier seen from copperfoil side



FUNCTION TABLE FOR 40IC4 (CD4053)			
MODE	SHORTED CONTACTS	ST Pin10 and 11	$\overline{CH2}$ Pin9
CH1	Pin 3 → 4 2 → 15 12 → 14	0	1
CH2	Pin 5 → 4 2 → 15 12 → 14	0	0
ST	Pin 3 → 4 1 → 15 13 → 14	1	1

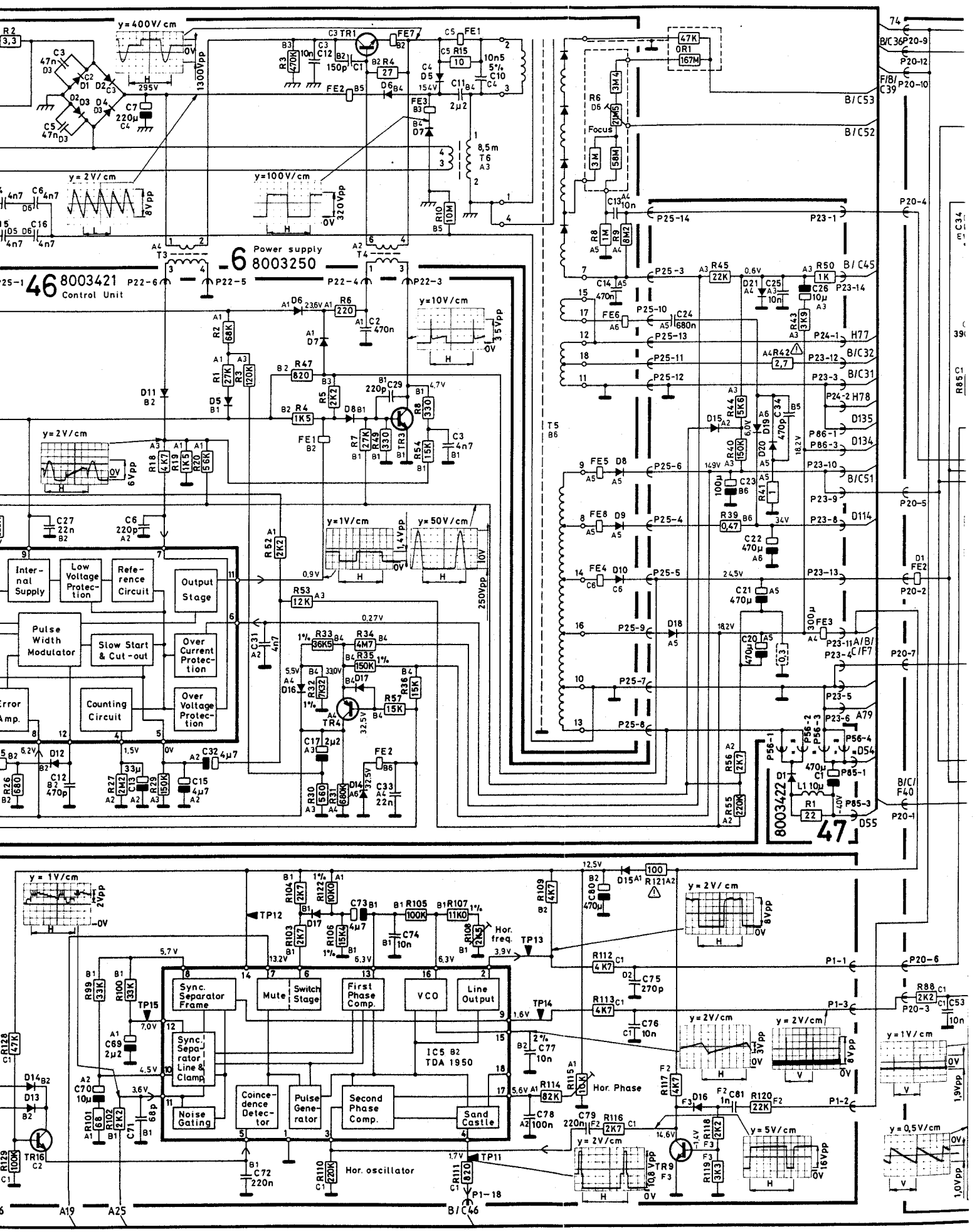
***The roll-front switch is only used in Beovision 9002

DIAGRAM E (POWER SUPPLY, HOR. OSC., DEFLECTION UNIT)



vitch is only used in Beovision 9002

HOR. OSC., DEFLECTION UNIT)



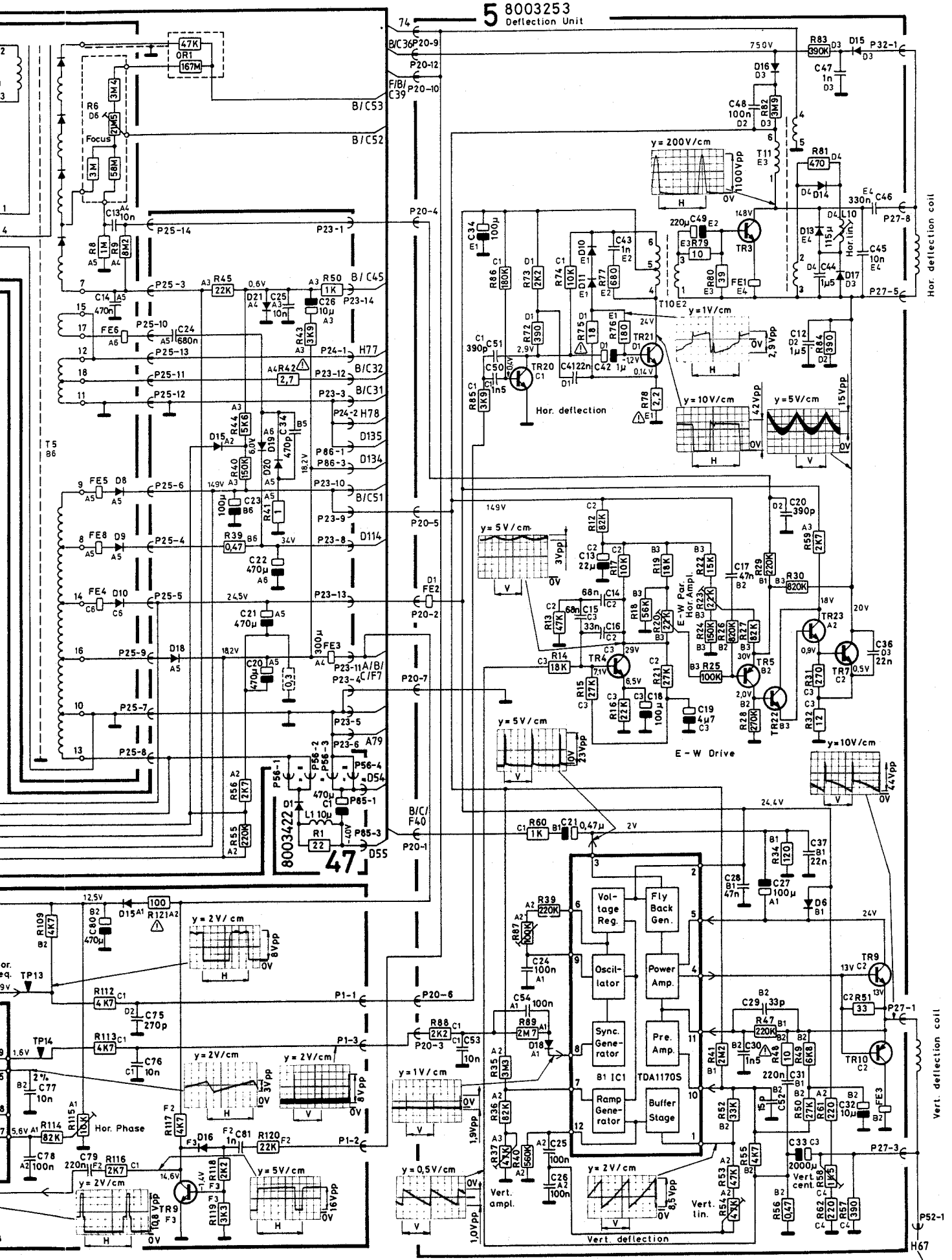
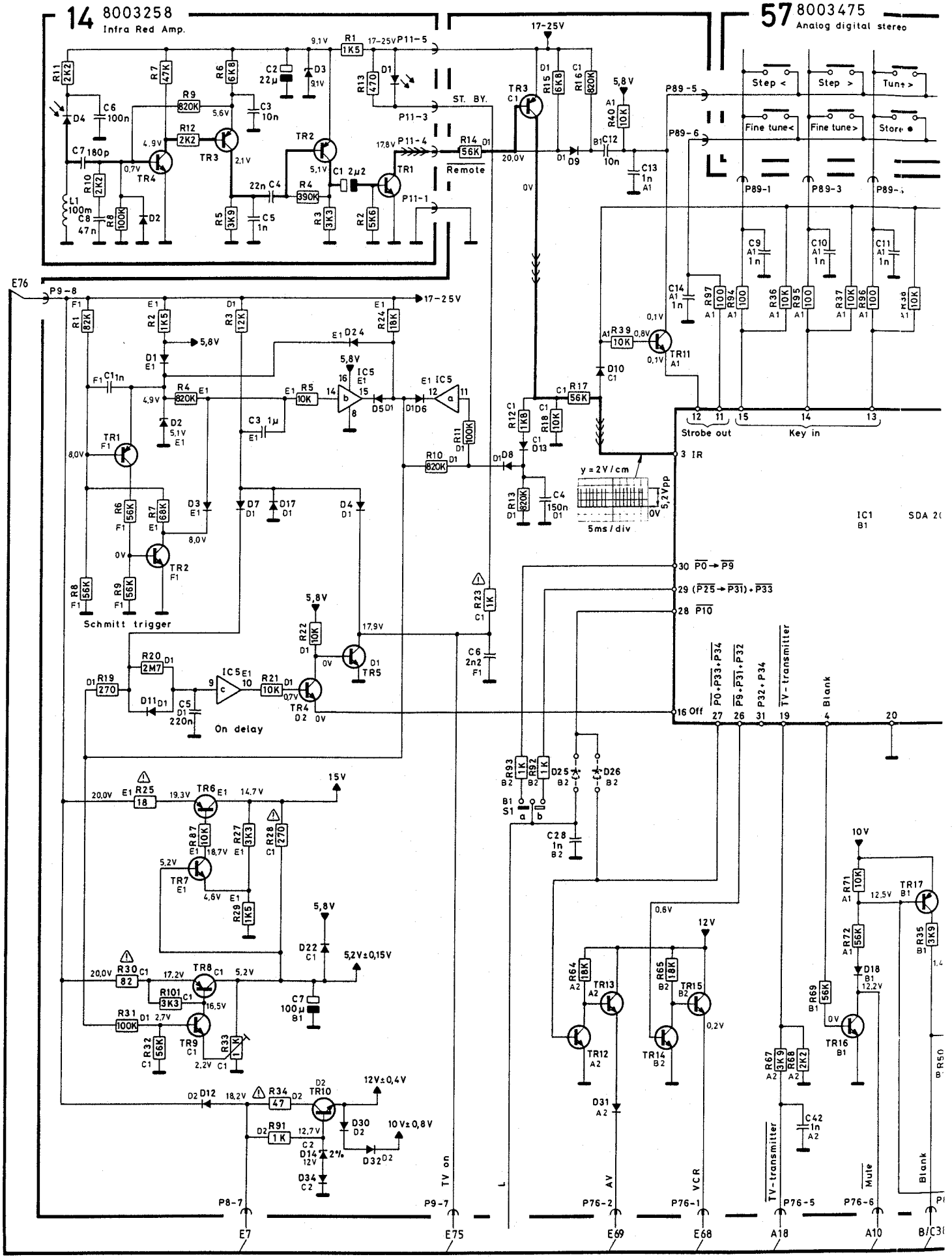

5 8003253
Deflection Unit
Focus
Hor. Phase
Hor. deflection
E-W Drive
Vert. deflection
Hor. deflection coil
Vert. deflection coil
Fly Back Gen.
Power Amp.
Pre. Amp.
Buffer Stage
Ramp Generator
Sync. Generator
Oscillator
Voltage Reg.
TDA1170S
B1 IC1
E-W Par.
Hor. Ampl.
Vert. ampl.
Vert. lin.
Vert. cent.
8003422
47

DIAGRAM F (DIGITAL TUNING UNIT) (For PCB 71 version see page 1-13A)

56 8003474 Analog digital mono

57 8003475 Analog digital stereo

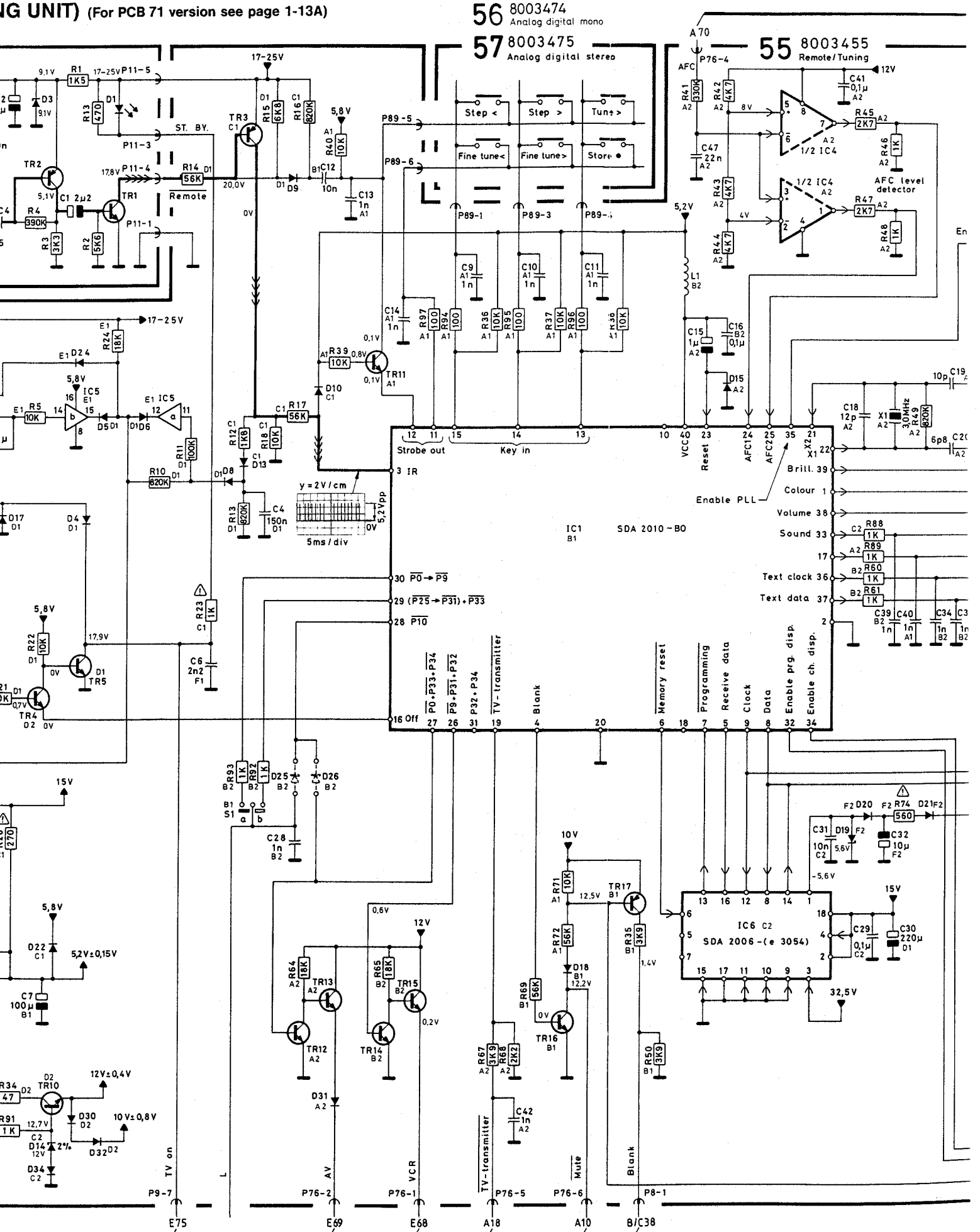


NG UNIT) (For PCB 71 version see page 1-13A)

56 8003474
Analog digital mono

57 8003475
Analog digital stereo

55 8003455
Remote/Tuning



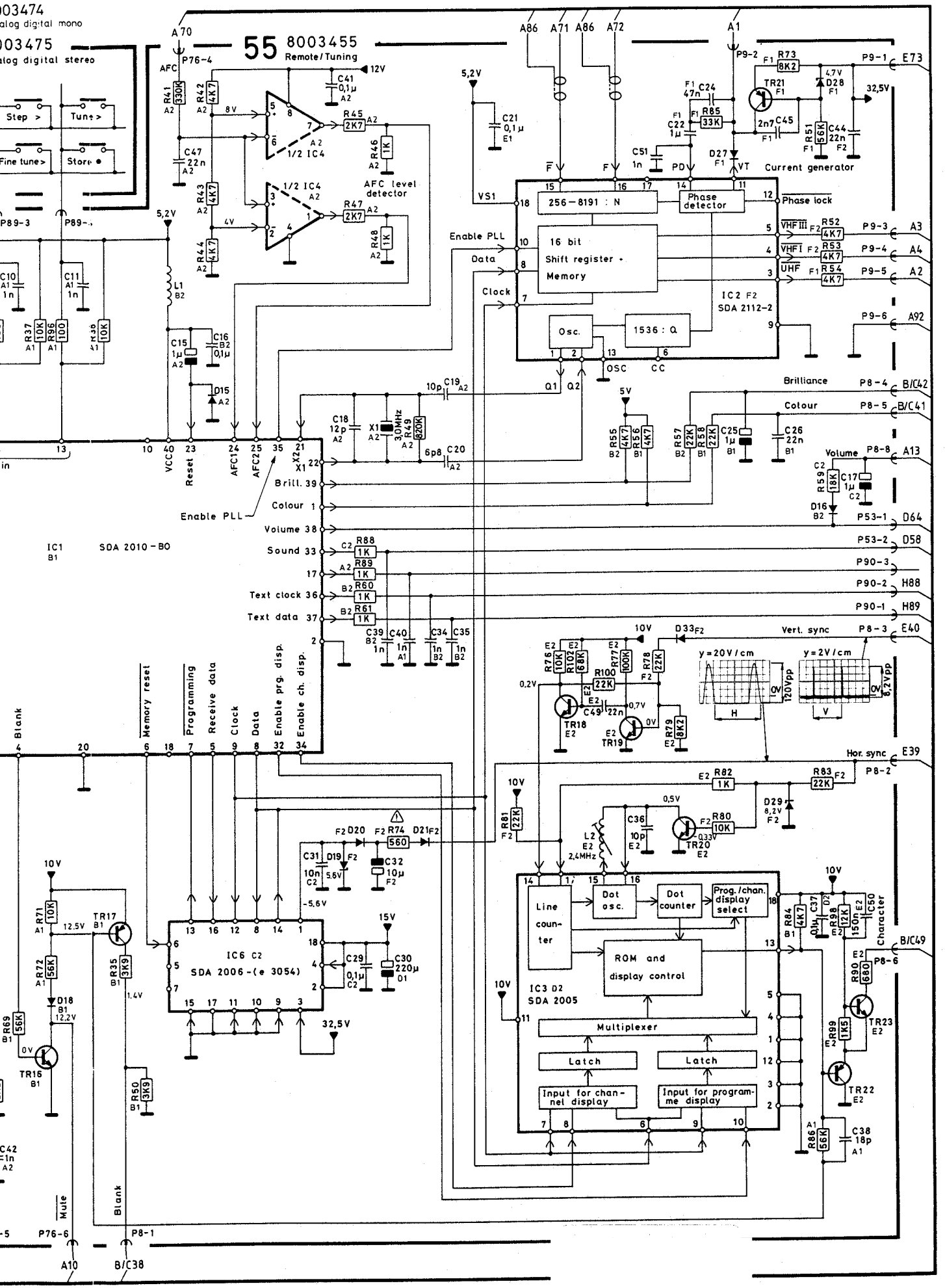
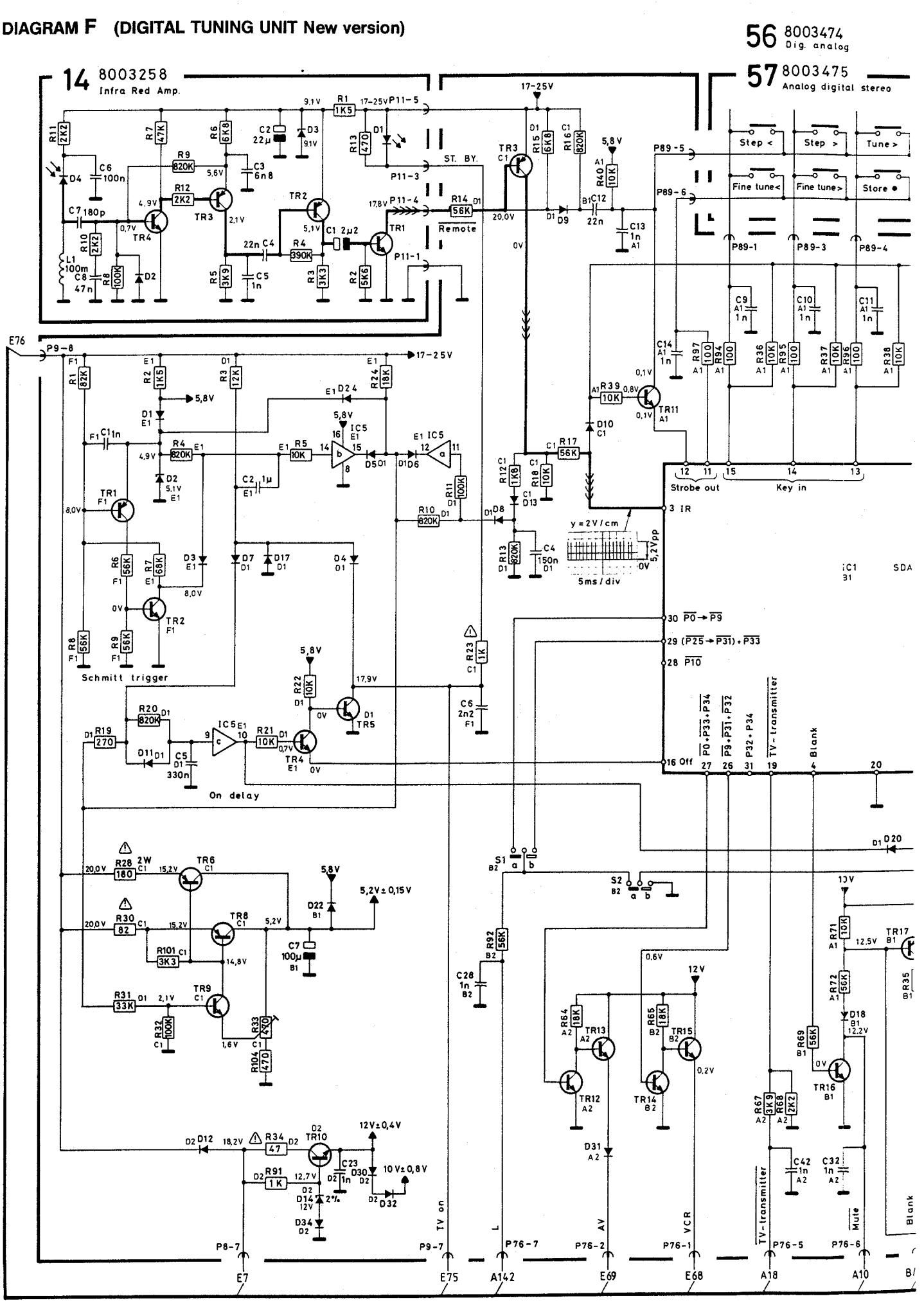

003474
alog digital mono
003475
alog digital stereo
Step >
Tune >
Fine tune >
Store
55 8003455
Remote/Tuning
A70
P76-4
AFC
12V
5,2V
A86 A71 A86 A72
A1
P9-2
P9-1
E73
32,5V
Current generator
AFC level detector
1/2 IC4
Phase detector
Phase lock
256 – 8191 : N
16 bit
Shift register +
Memory
Enable PLL
Data
Clock
VS1
IC2 F2
SDA 2112-2
Osc.
1536 : Q
OSC
CC
Q1
Q2
Brilliance
Colour
Volume
Vert. sync
Hor. sync
y=20V/cm
y=2V/cm
IC1
SDA 2010 – B0
Brill. 39
Colour 1
Volume 38
Sound 33
Text clock 36
Text data 37
Enable PLL
Blank
Memory reset
Programming
Receive data
Clock
Data
Enable prg. disp.
Enable ch. disp.
IC6 C2
SDA 2006-(e 3054)
IC3 D2
SDA 2005
Line counter
Dot osc.
Dot counter
Prog./chan. display select
ROM and display control
Multiplexer
Latch
Latch
Input for channel display
Input for programme display
Character
Mute
Blank
P76-6
P8-1
A10
B/C38
B/C49

DIAGRAM F (DIGITAL TUNING UNIT New version)

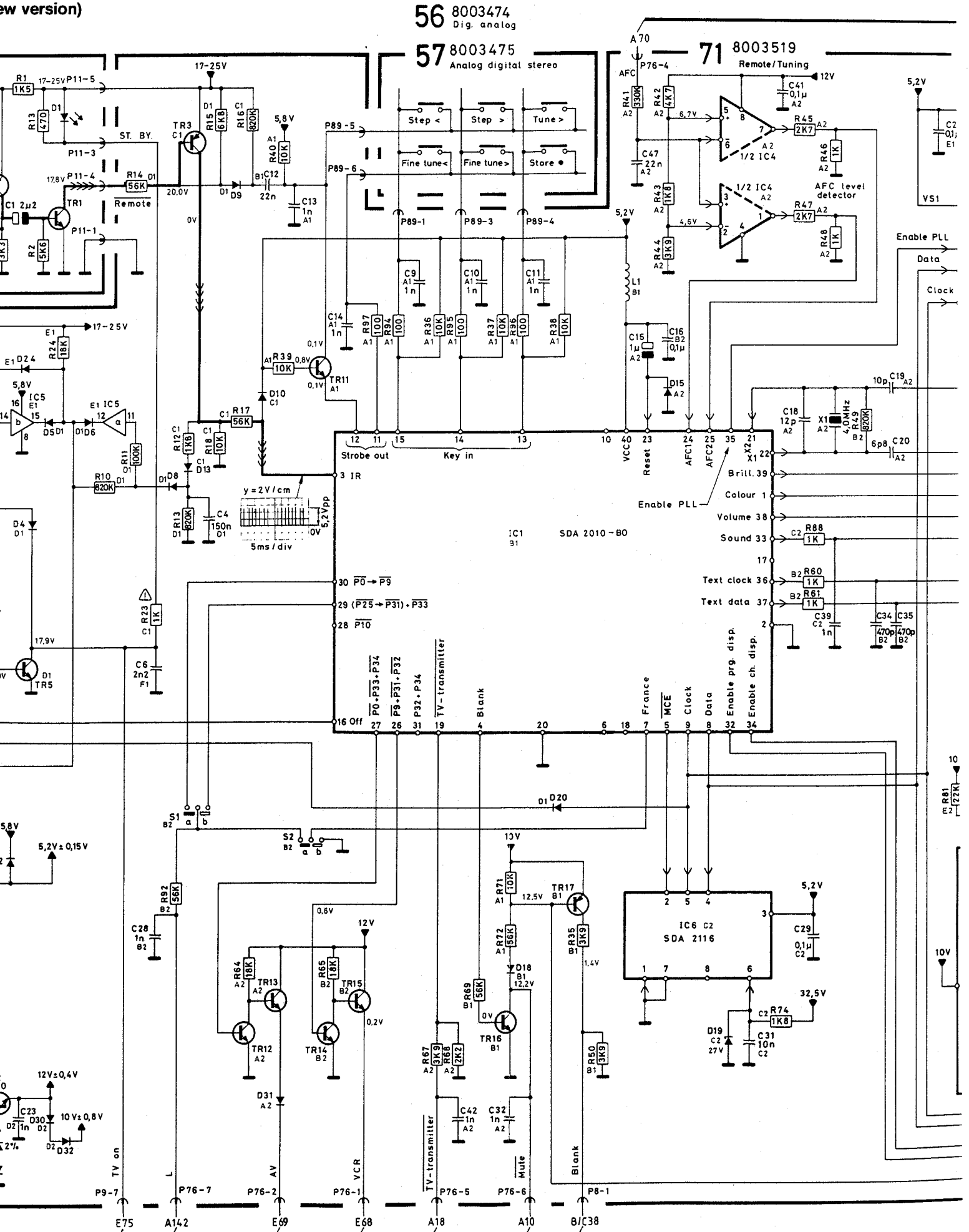


ew version)

56 8003474
Dig. analog

57 8003475
Analog digital stereo

71 8003519
Remote/Tuning



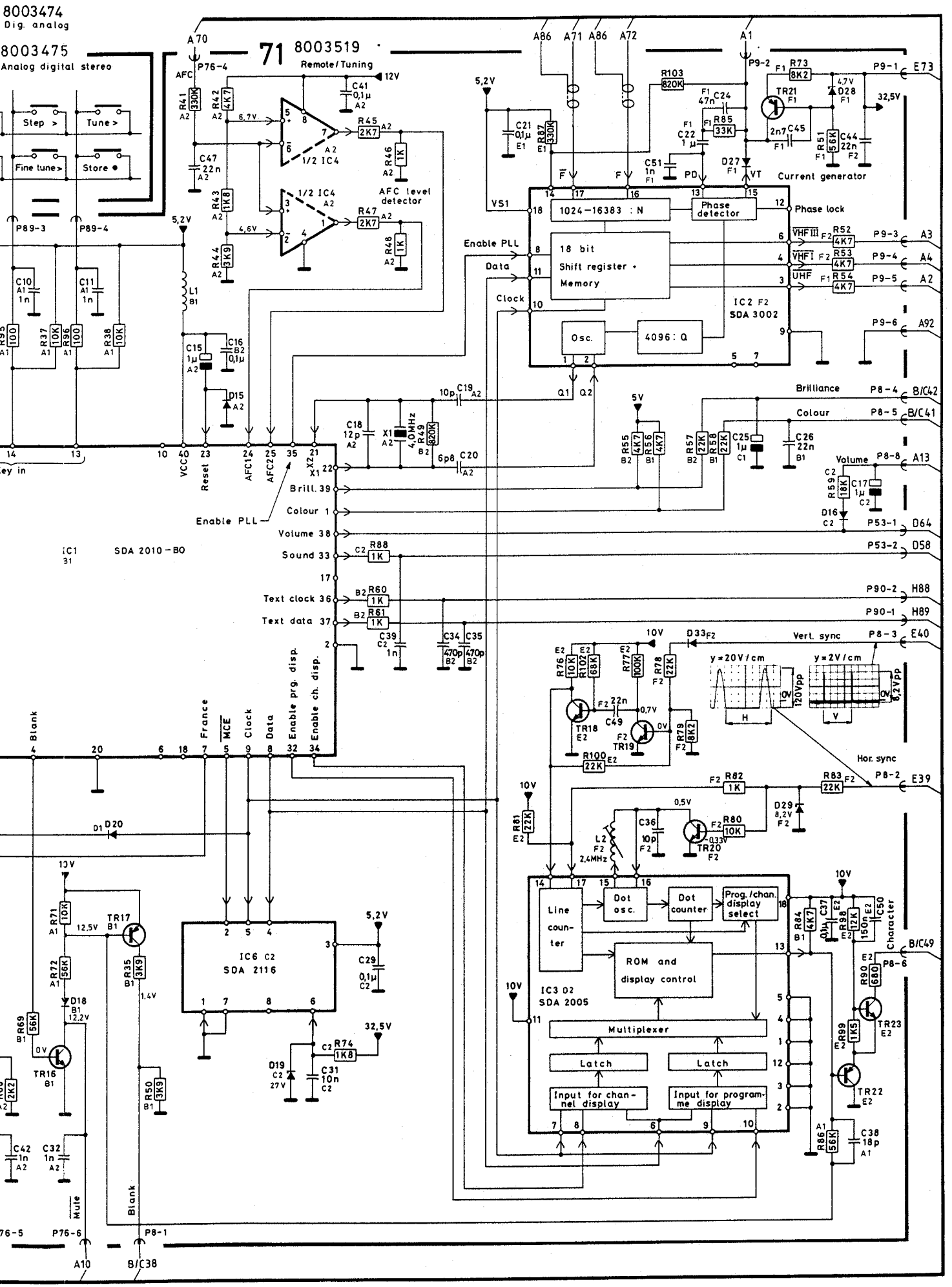
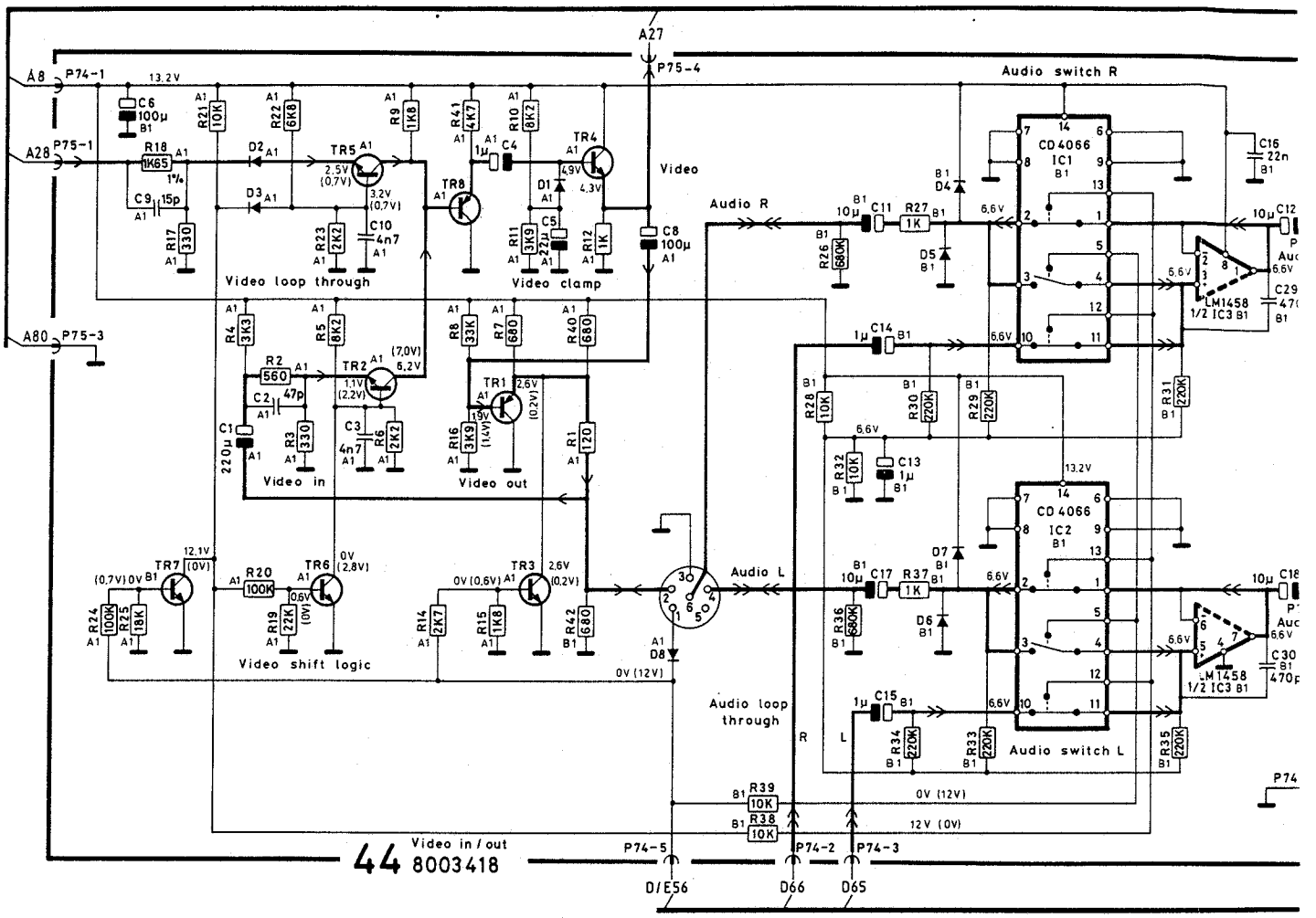
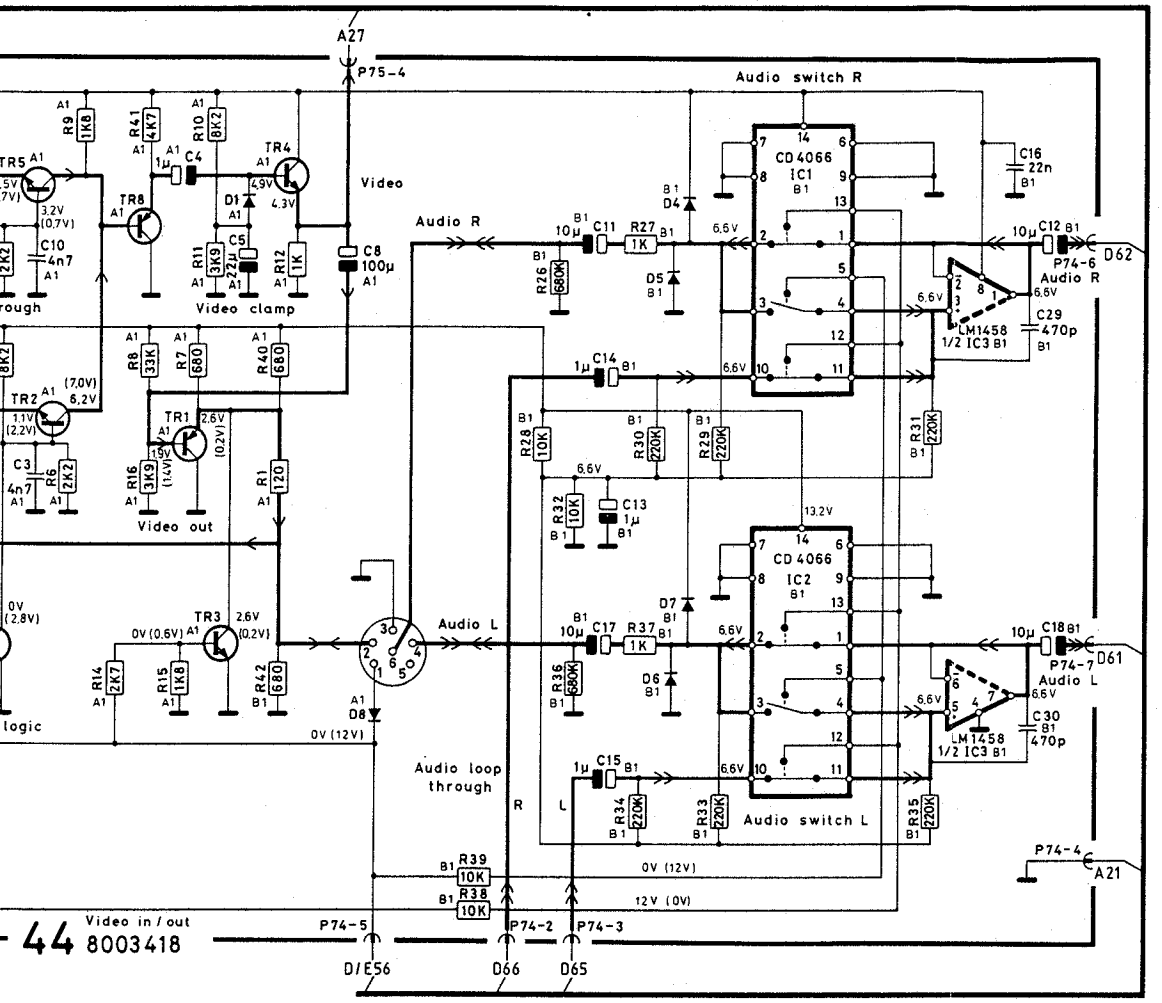
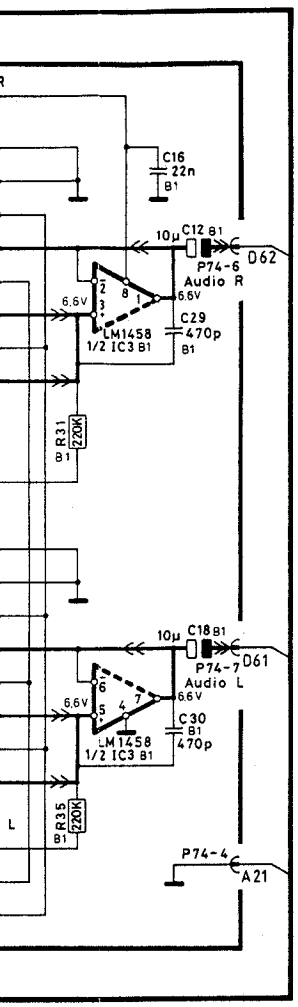

8003474
Dig. analog
8003475
Analog digital stereo
Step >
Tune >
Fine tune>
Store •
71 8003519
Remote/Tuning
A70
AFC
12V
5,2V
6,7V
4,6V
1/2 IC4
AFC level detector
P89-3
P89-4
P76-4
A86
A71
A72
A1
P9-2
P9-1
E73
32,5V
Current generator
1024–16383 : N
Phase detector
Phase lock
18 bit
Shift register +
Memory
Enable PLL
Data
Clock
IC2 F2
SDA 3002
Osc.
4096 : Q
VHF III
VHF I
UHF
P9-3
P9-4
P9-5
P9-6
A3
A4
A2
A92
Brilliance
Colour
Volume
P8-4
P8-5
P8-8
B/C42
B/C41
A13
P53-1
P53-2
D64
D58
IC1
SDA 2010–BO
Brill. 39
Colour 1
Volume 38
Sound 33
Text clock 36
Text data 37
Vert. sync
P8-3
E40
y=20V/cm
y=2V/cm
120Vpp
8,2Vpp
Hor. sync
P8-2
E39
P90-2
P90-1
H88
H89
Blank
France
MCE
Clock
Data
Enable prg. disp.
Enable ch. disp.
IC6 C2
SDA 2116
IC3 D2
SDA 2005
Line counter
Dot osc.
Dot counter
Prog./chan. display select
ROM and display control
Multiplexer
Latch
Input for channel display
Input for programme display
Character
B/C49
P8-6
TR16
TR17
TR18
TR19
TR20
TR21
TR22
TR23
Mute
Blank
P76-5
P76-6
P8-1
A10
B/C38

DIAGRAM G (VIDEO IN/OUT)



T)


A27
P75-4
Audio switch R
CD 4066
IC1
Video
Audio R
Video clamp
Video out
Audio L
CD 4066
IC2
Audio loop through
Audio switch L
LM1458
1/2 IC3
P74-6
P74-7
P74-4
A21
D62
D61
P74-5
P74-2
P74-3
D/E56
D66
D65
Video in / out
8003418
- 44


C16
22n
B1
10µ C12 B1
P74-6
Audio R
D62
6.6V
LM1458
1/2 IC3 B1
6.6V
C29
470p
B1
R31
220K
B1
10µ C18 B1
P74-7
Audio L
D61
6.6V
LM1458
1/2 IC3 B1
6.6V
C30
B1
470p
R35
220K
B1
P74-4
A21

Bang & Olufsen

DIAGRAM G (VIDEO IN/OUT 21 PINS)

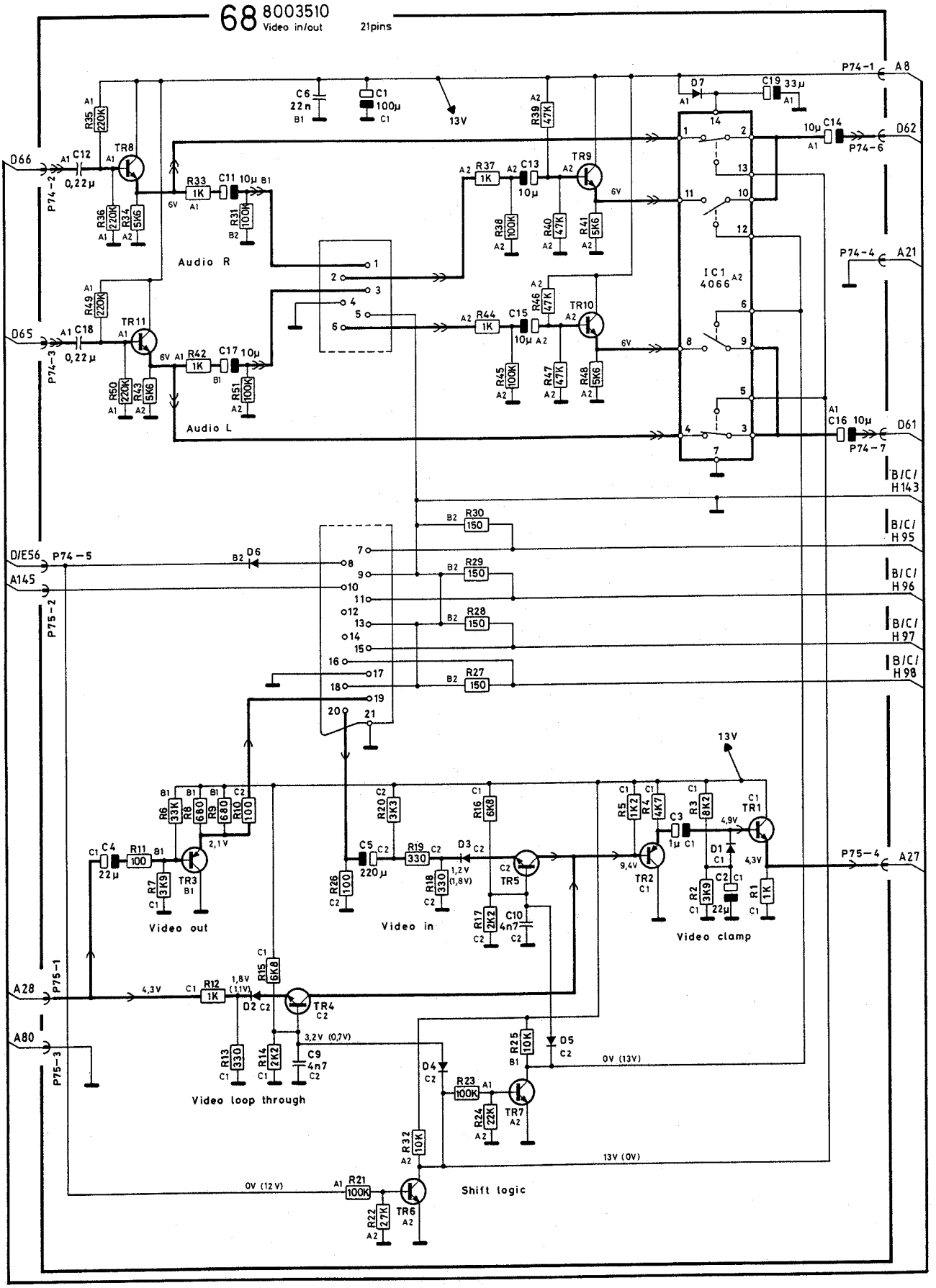
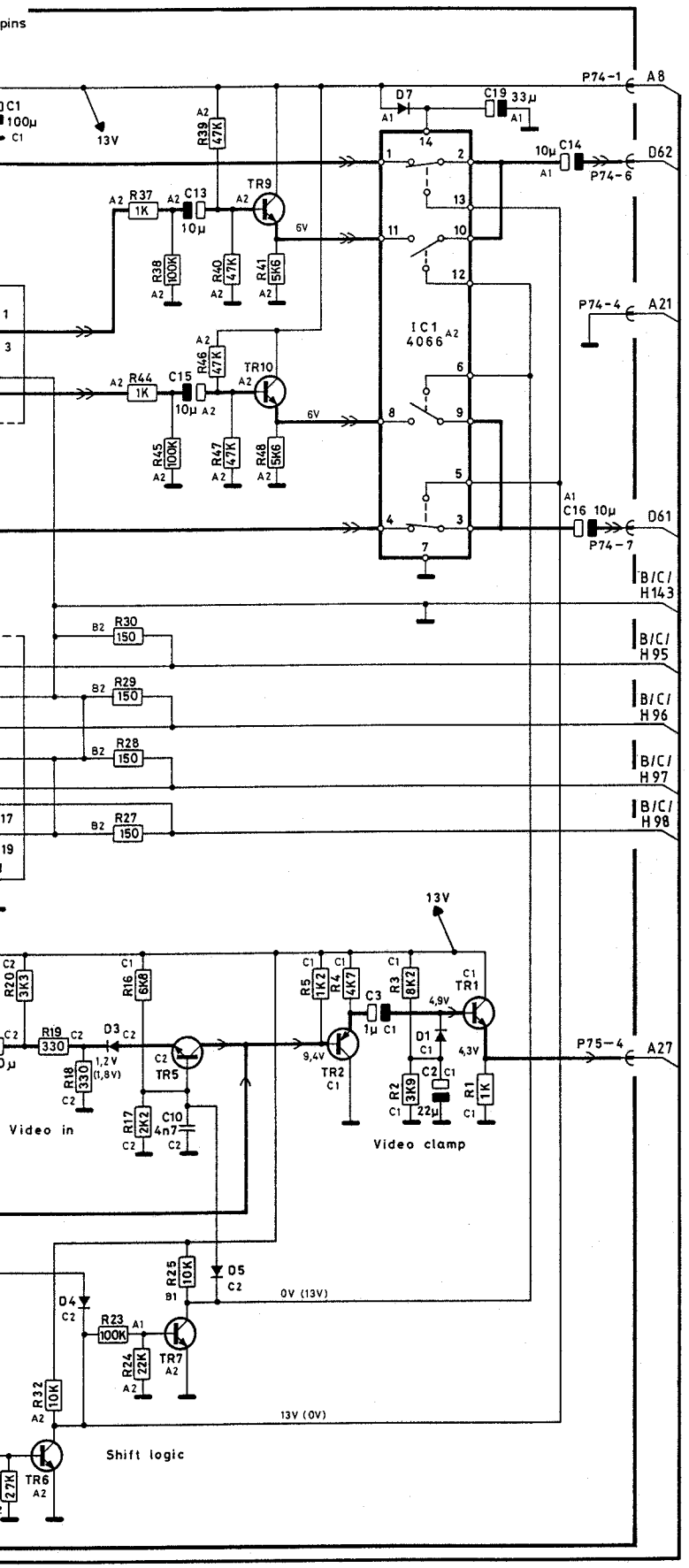


DIAGRAM D MONO (AF AMPL.) (PC9 TDA 2040



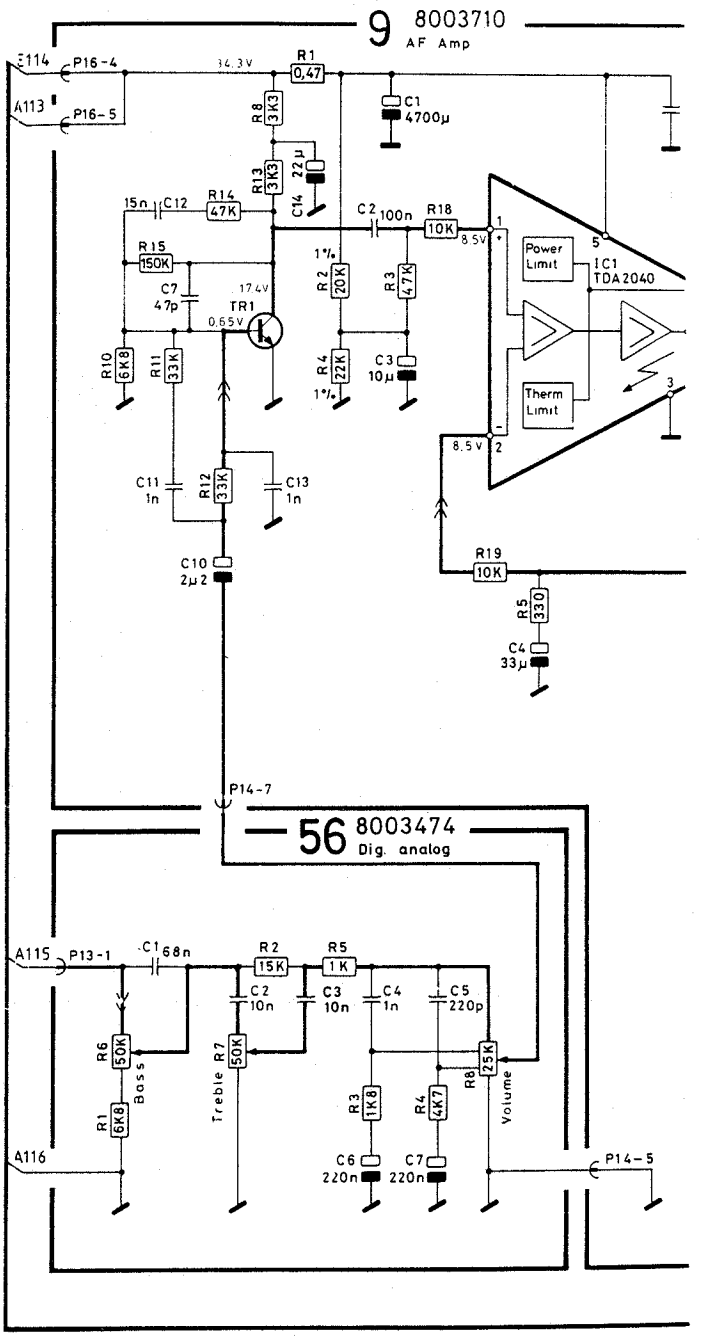
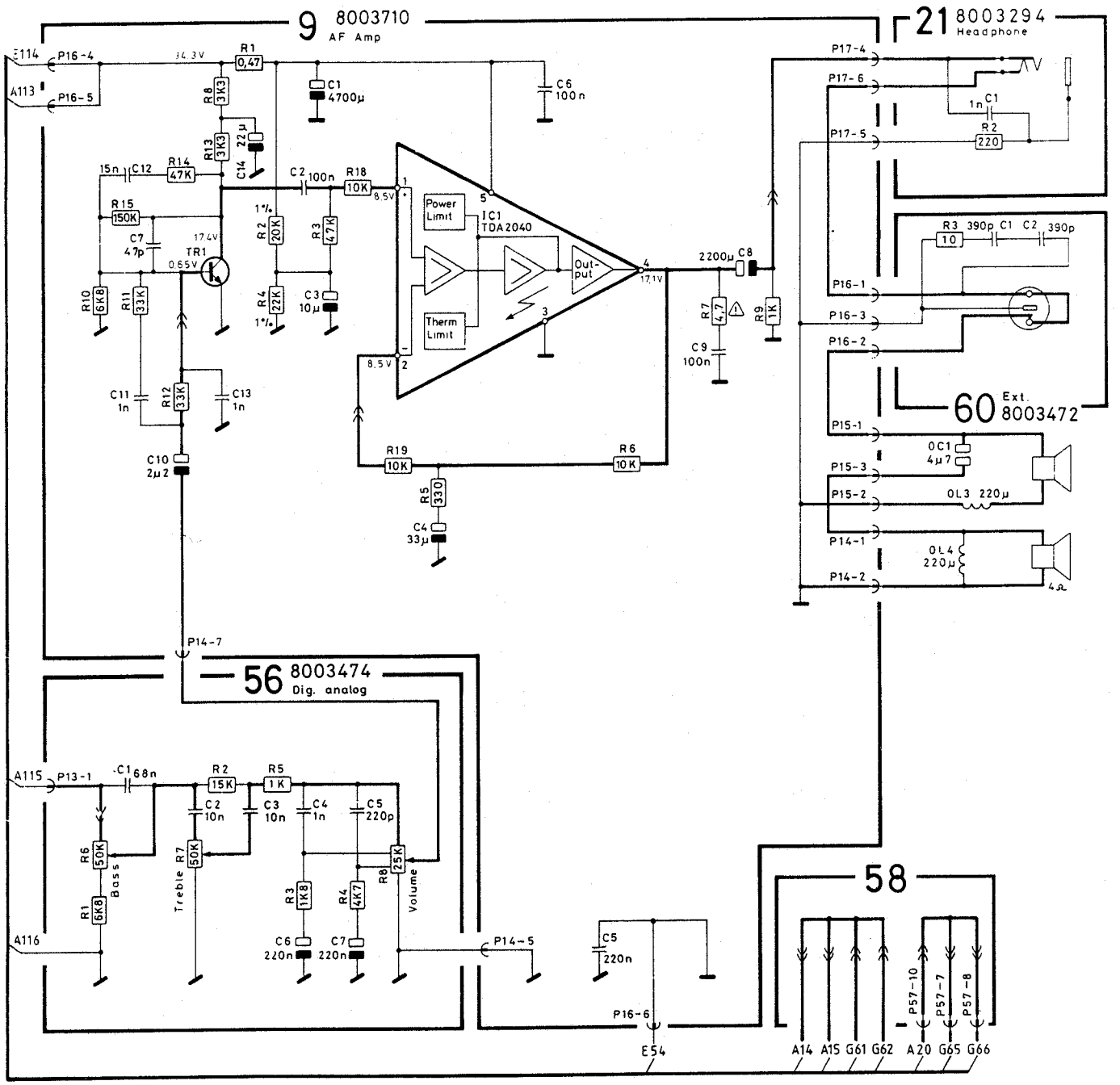
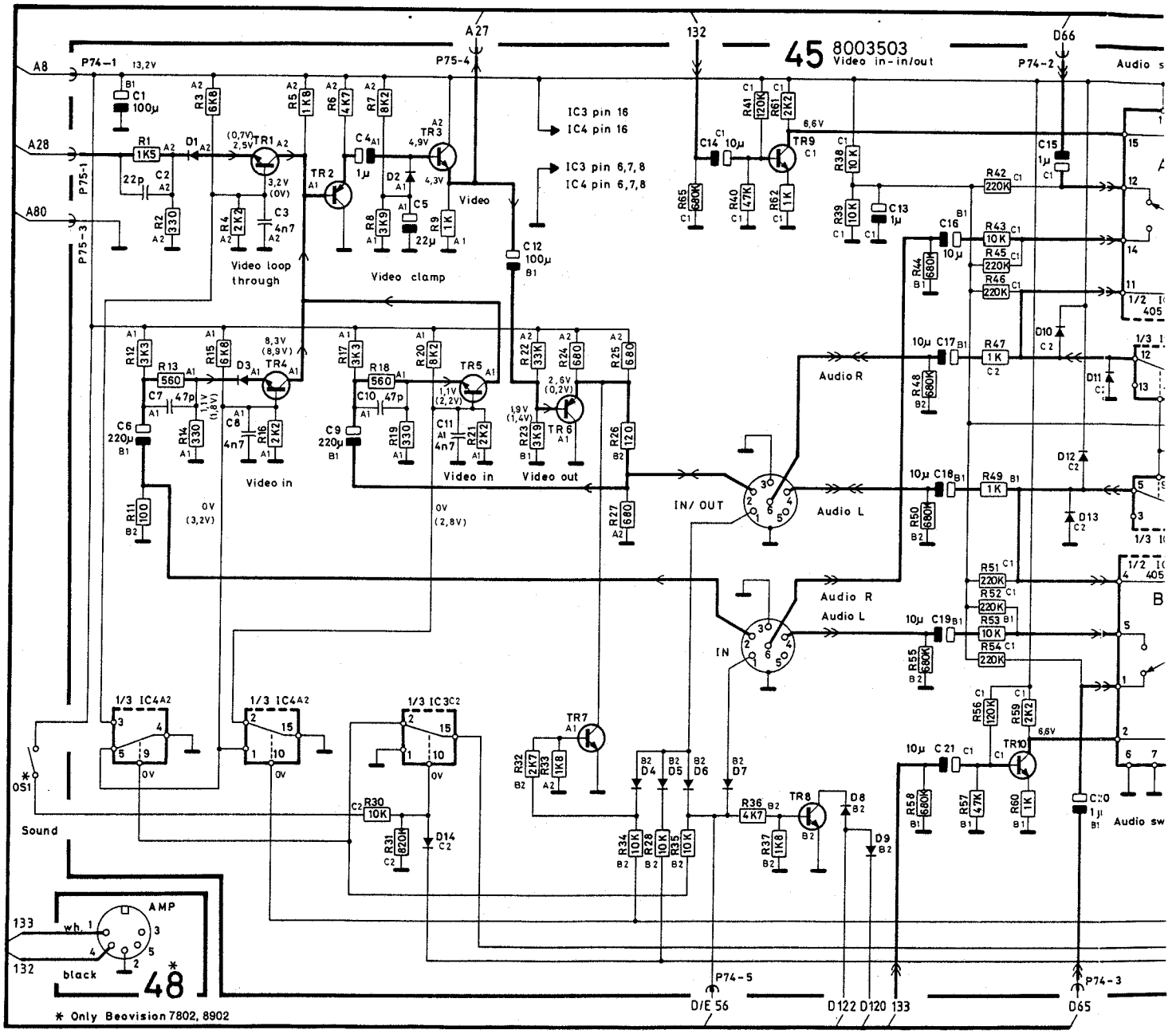


DIAGRAM D MONO (AF AMPL.) (PC9 TDA 2040 version)



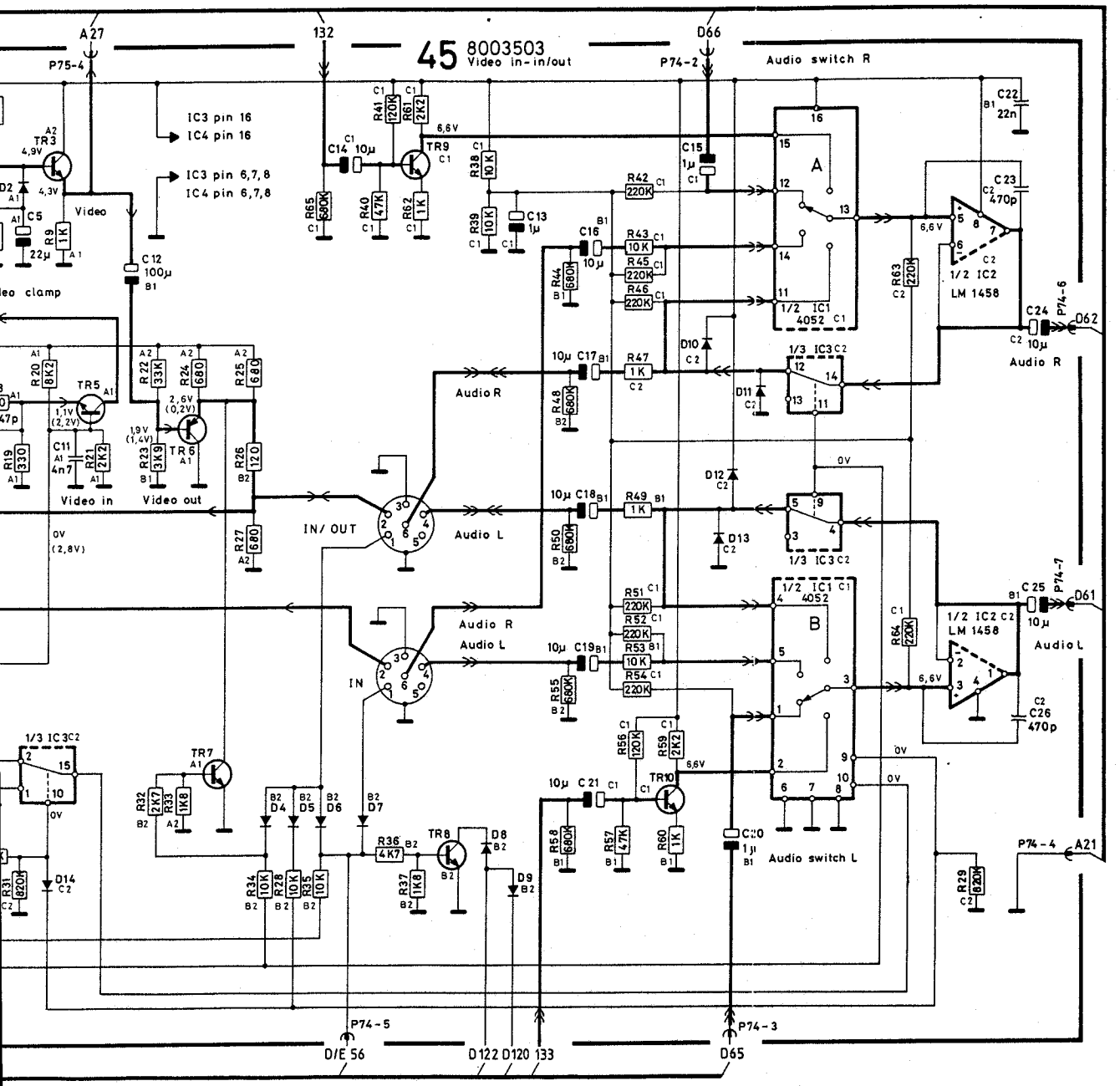
Bang&Olufsen

DIAGRAM G (VIDEO IN-IN/OUT) see page 9-3



*The AMP socket is also shown in DIAGRAM A stereo page 1-5.

FUNCTION TABLE FOR 45IC1 (CD4				
FUNCTION				INP
MODE	DIN-SOCKET			PIN
	VIDEO IN	VIDEO IN/OUT	AMP*	
TV (Video OUT)				0
Video IN	X			0
Ext.			X	1
Video IN		X		1



FUNCTION TABLE FOR 45IC1 (CD4052 BC)							
FUNCTION				INPUT STATS		SHORTED CONTACTS	
MODE	DIN-SOCKET			PIN 9	PIN 10	SWITCH A	SWITCH B
	VIDEO IN	VIDEO IN/OUT	AMP**				
TV (Video OUT)				0	0	Pin 13→12	Pin 3→1
Video IN	X			0	1	Pin 13→14	Pin 3→5
Ext.			X	1	0	Pin 13→15	Pin 3→2
Video IN		X		1	1	Pin 13→11	Pin 3→4

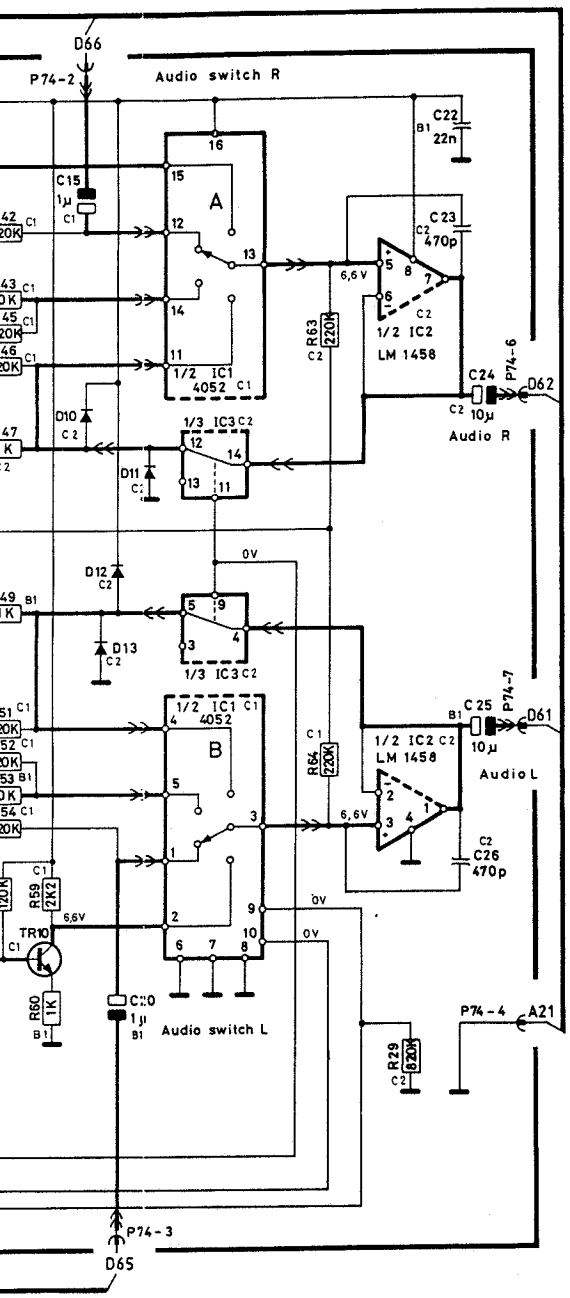
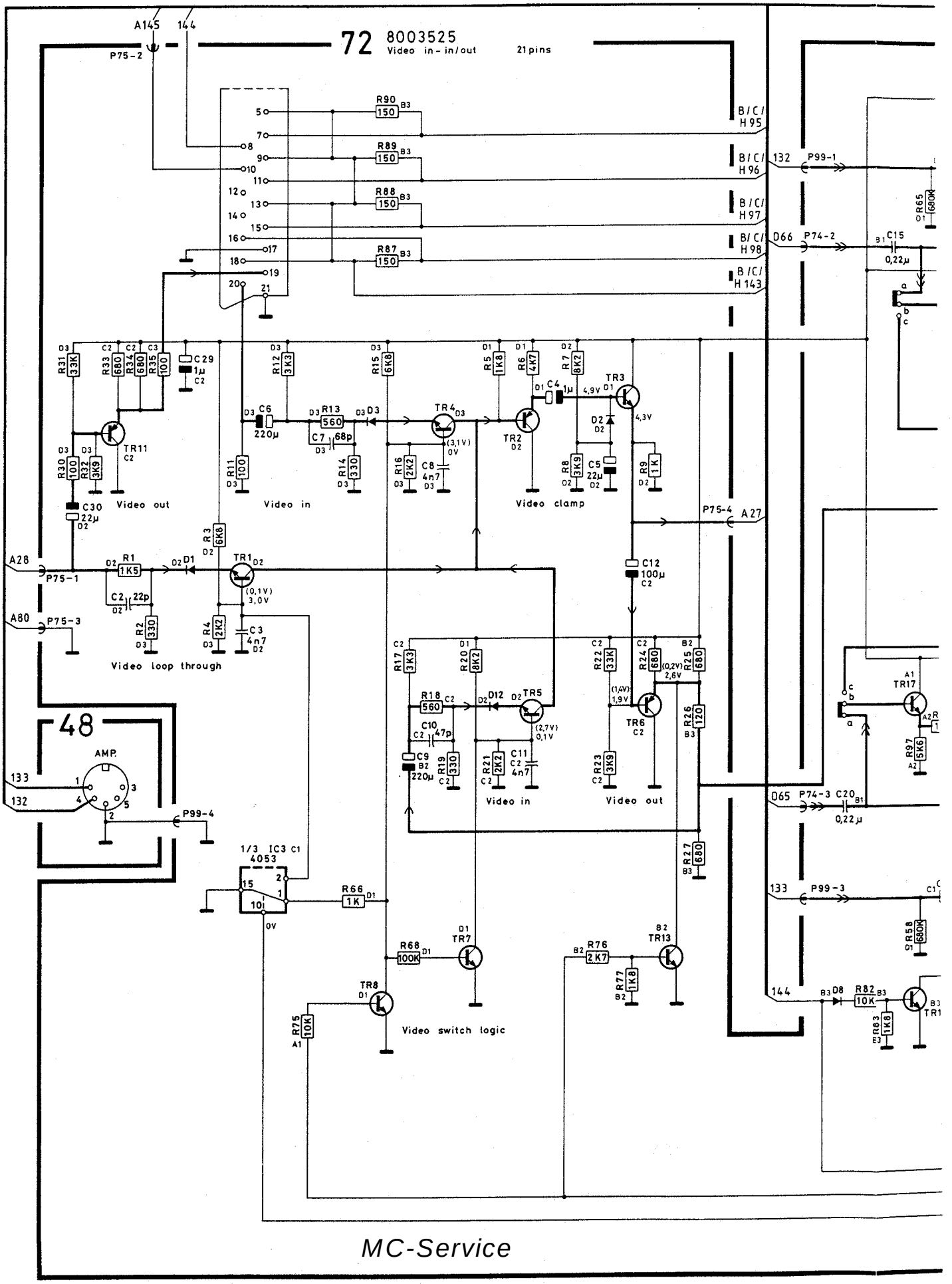
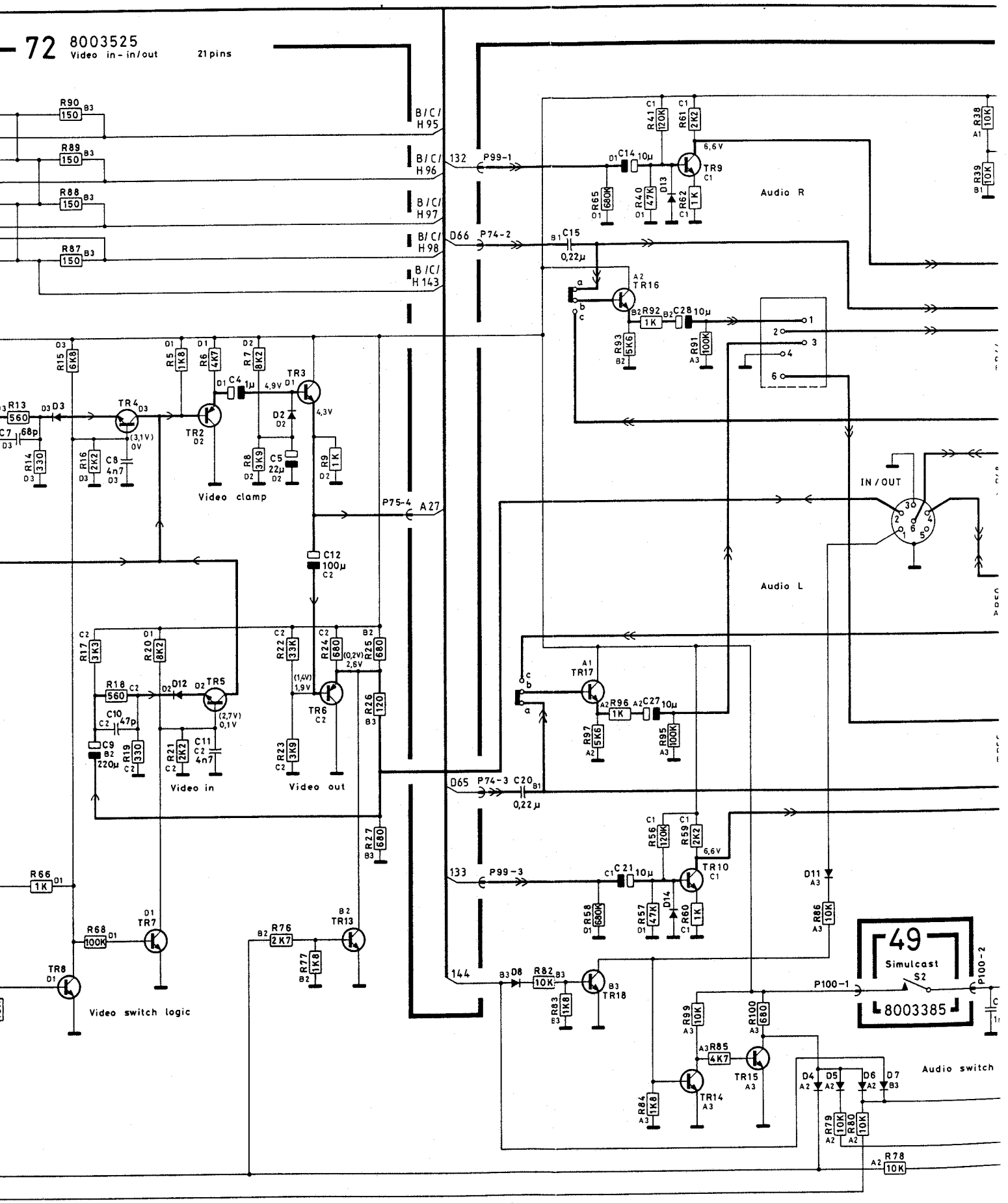
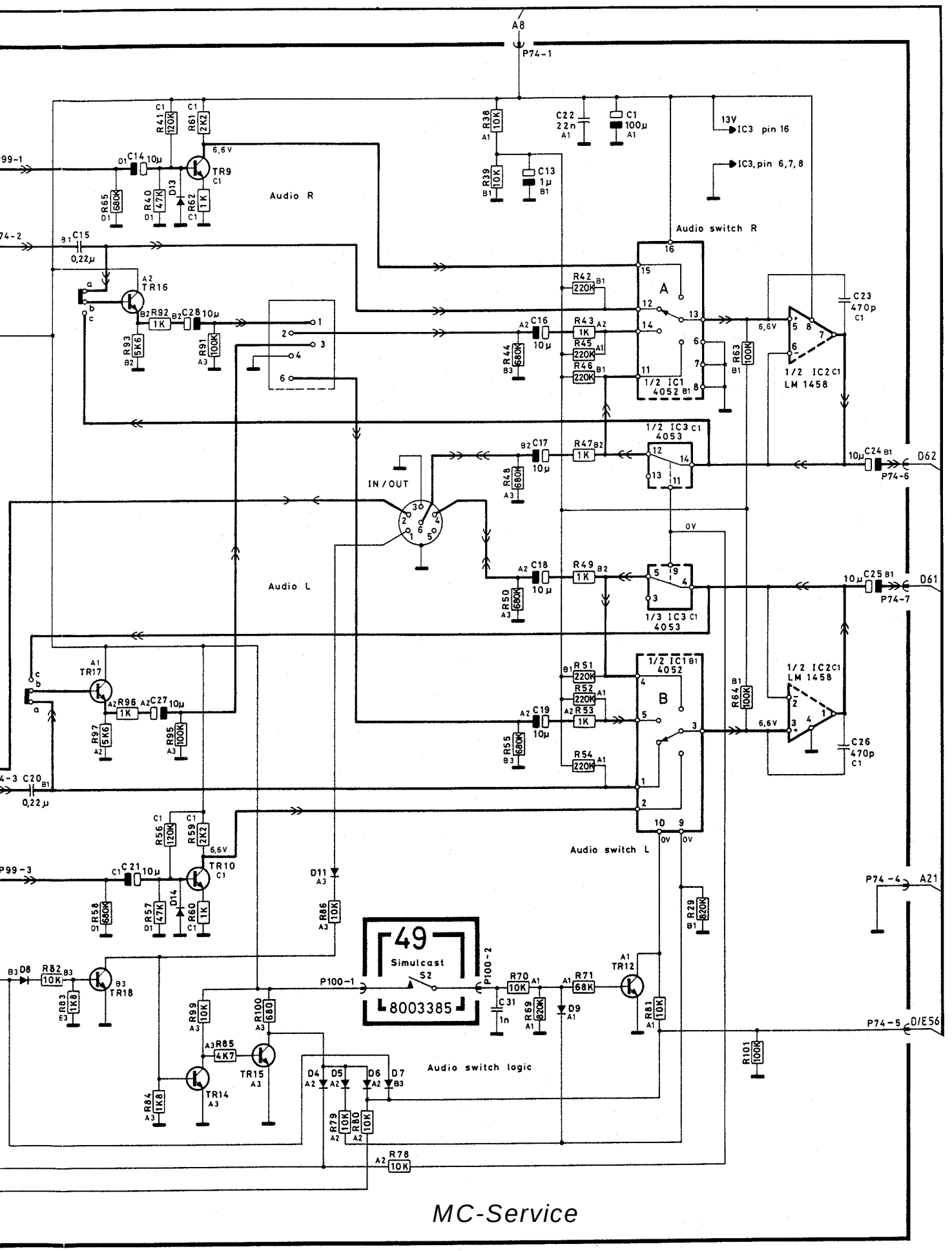


TABLE FOR 45IC1 (CD4052 BC)					
		INPUT STATS		SHORTED CONTACTS	
IN-SOCKET		PIN 9	PIN 10	SWITCH A	SWITCH B
DEO IN/OUT	AMP*				
		0	0	Pin 13→12	Pin 3→1
		0	1	Pin 13→14	Pin 3→5
	X	1	0	Pin 13→15	Pin 3→2
X		1	1	Pin 13→11	Pin 3→4

DIAGRAM G (VIDEO IN-IN/OUT 21 PINS)

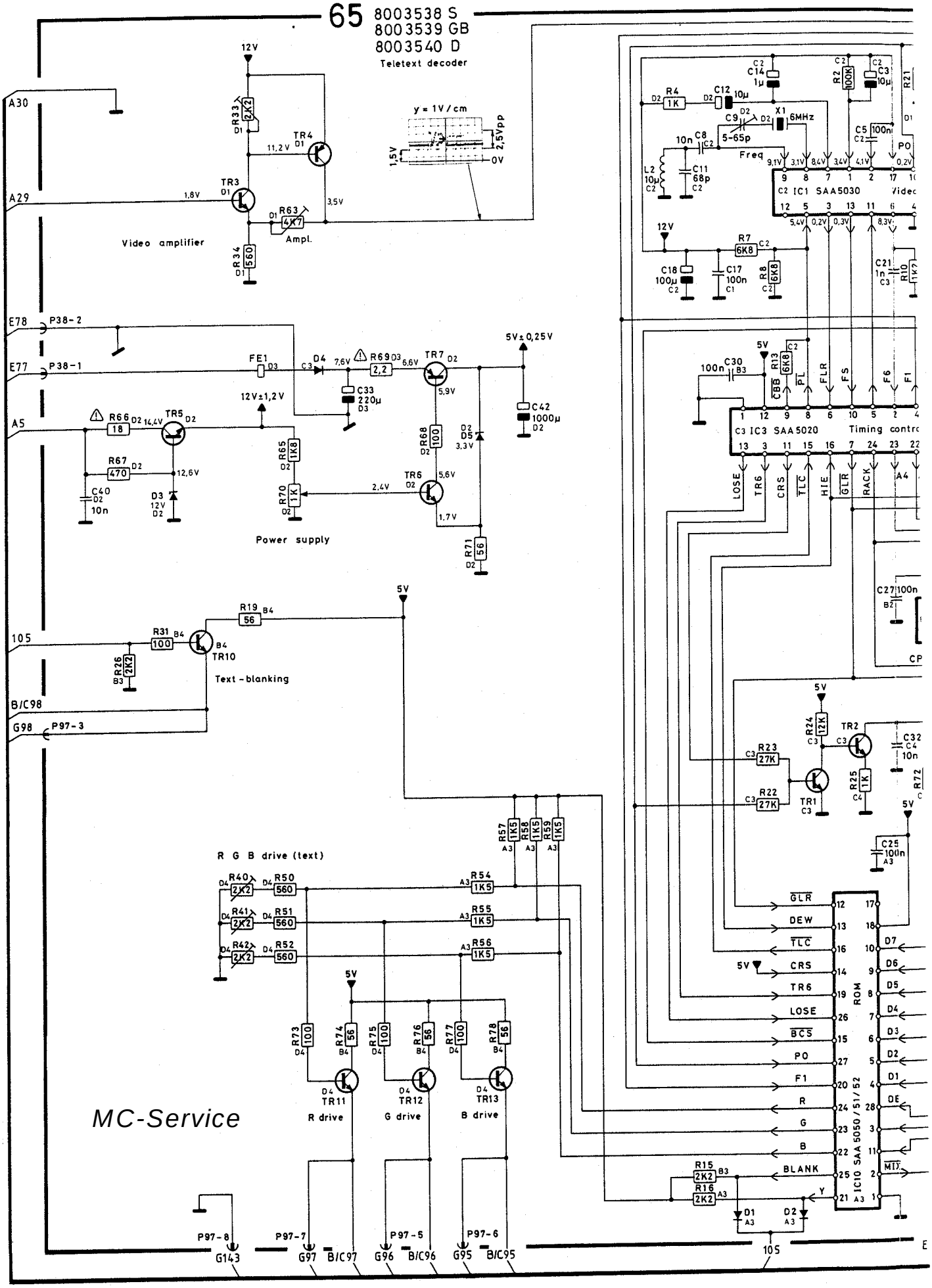



– 72 8003525
Video in – in/out
21 pins
Video clamp
Video in
Video out
Video switch logic
Audio R
Audio L
IN / OUT
Simulcast
S2
8003385
Audio switch

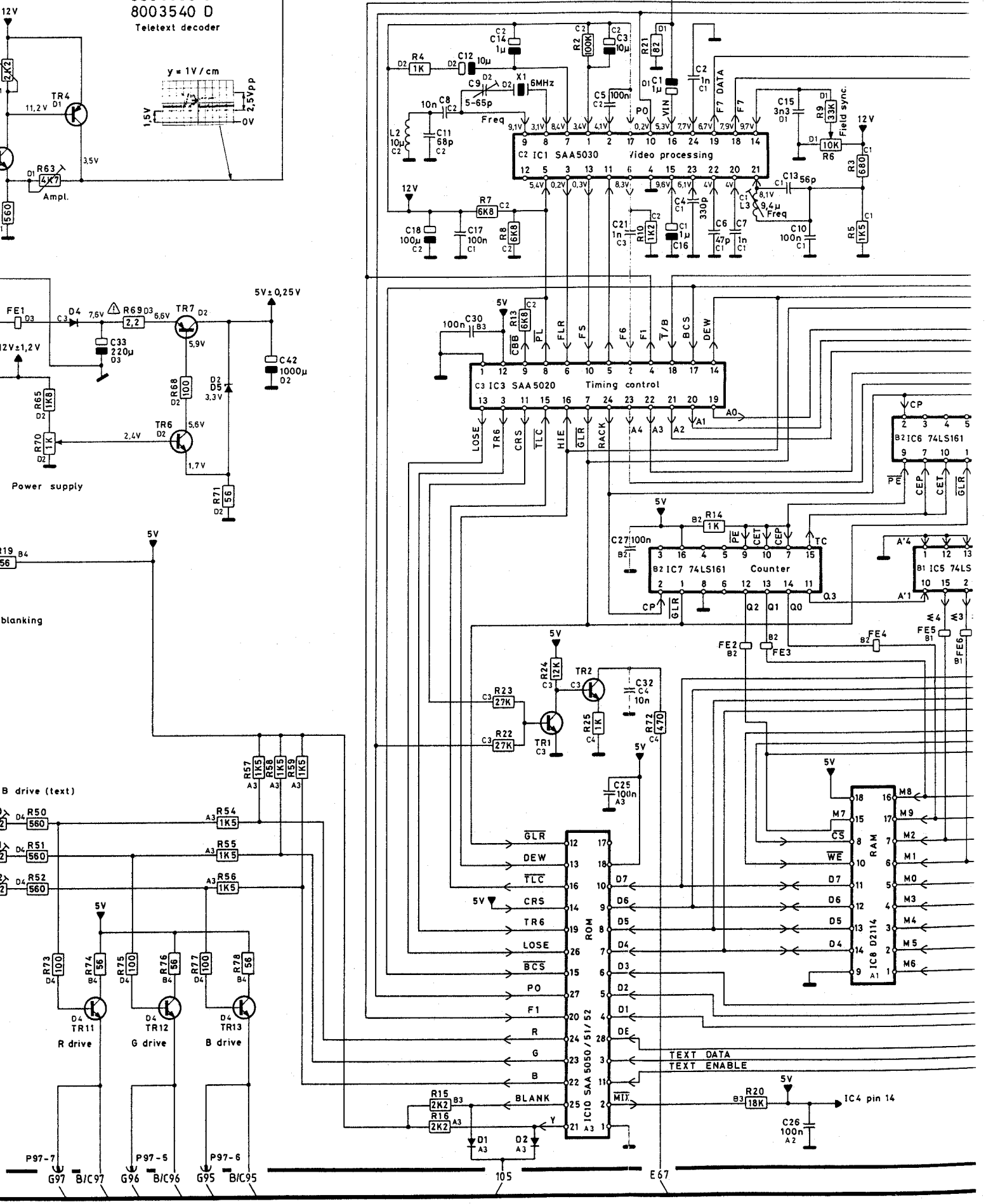

A8
P74-1
13V
IC3 pin 16
IC3, pin 6, 7, 8
Audio R
Audio L
Audio switch R
Audio switch L
Audio switch logic
IN / OUT
1/2 IC1 4052
1/2 IC2 LM 1458
1/2 IC3 4053
1/3 IC3 4053
TR9
TR10
TR12
TR14
TR15
TR16
TR17
TR18
6,6 V
0V
P74-6
P74-7
P74-4
P74-5
D62
D61
A21
D1/E56
P100-1
P100-2
Simulcast
S2
8003385

Bang & Olufsen

DIAGRAM H (TELETEXT DECODER)



65 8003538 S
8003539 GB
8003540 D
Teletext decoder



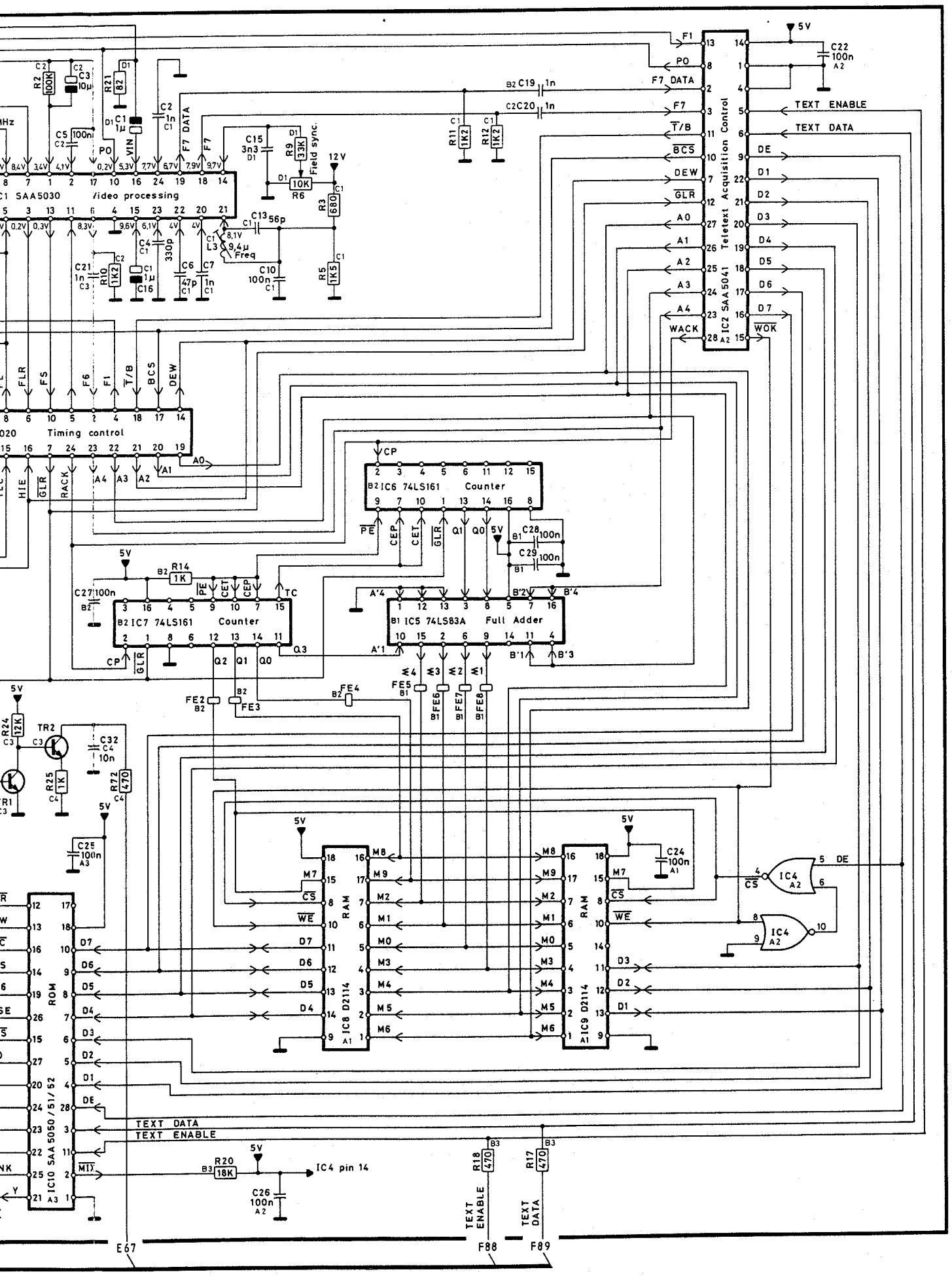
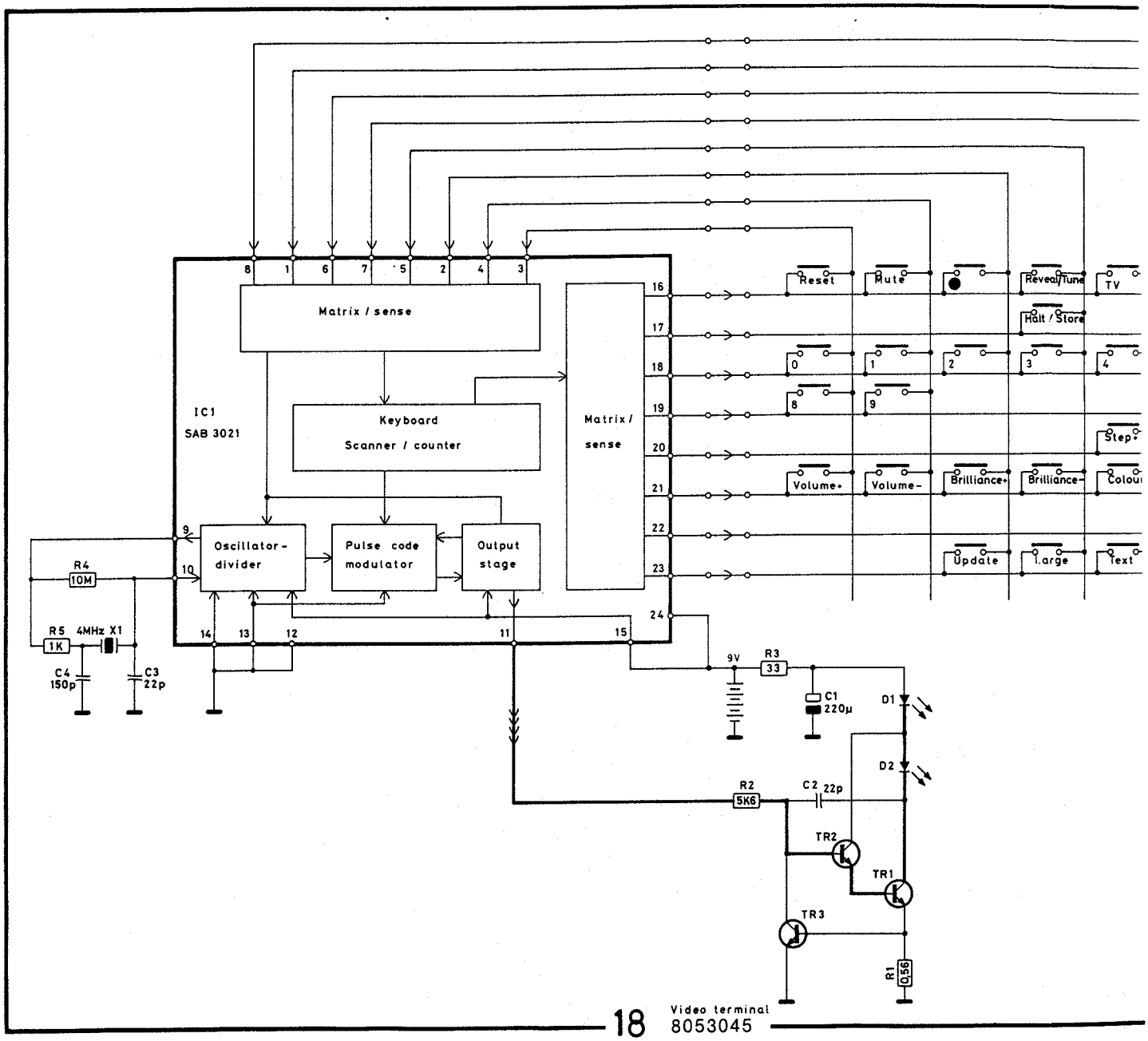
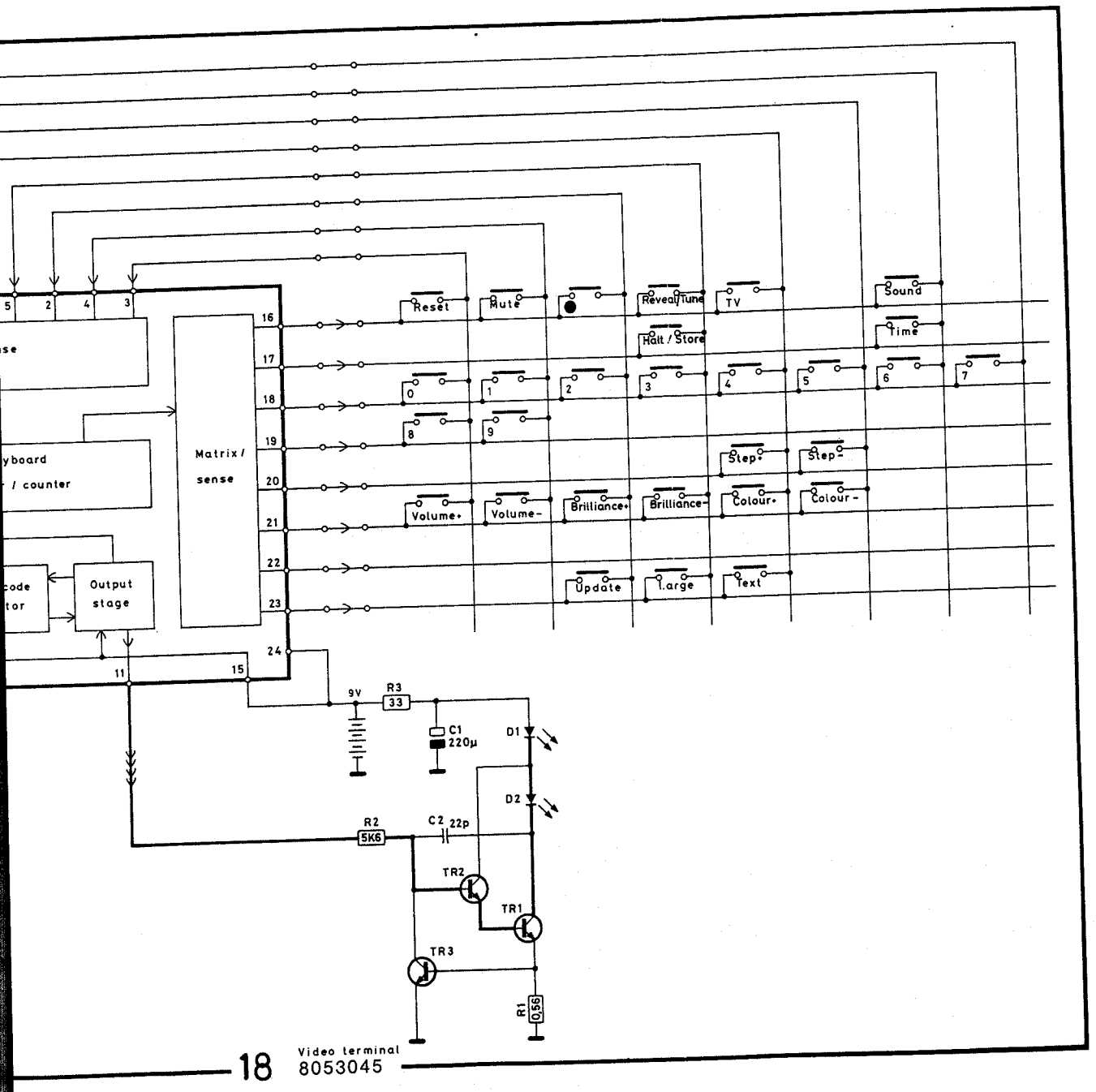
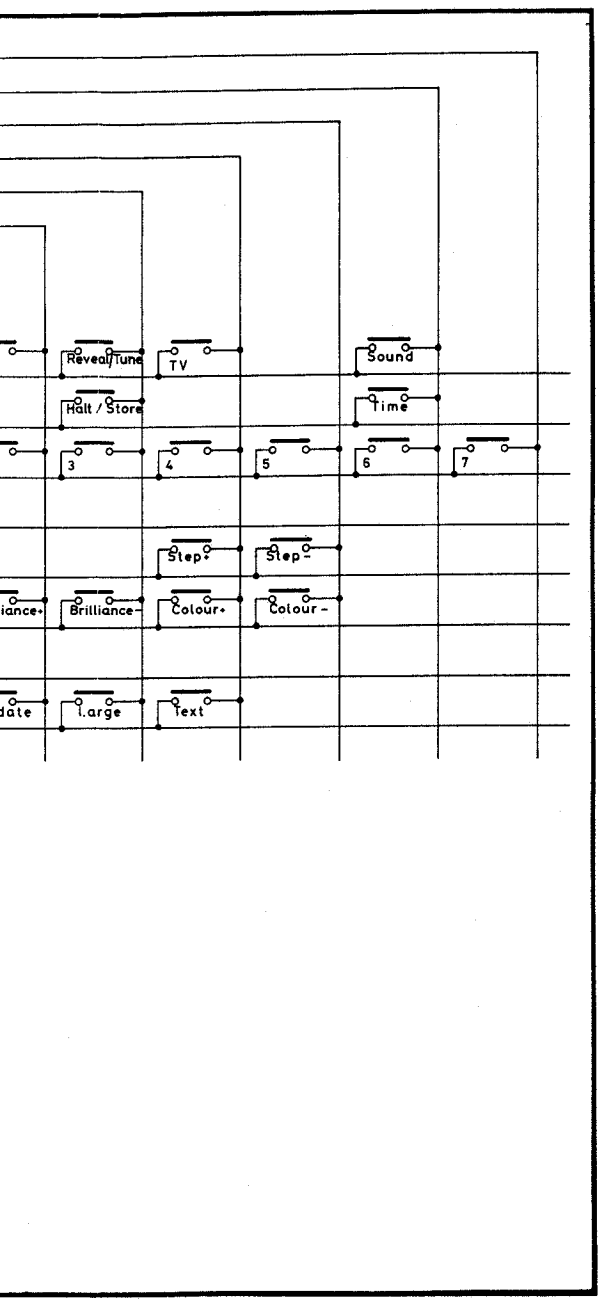

IC1 SAA5030 Video processing
IC2 SAA5041 Teletext Acquisition Control
IC10 SAA 5050 / 51 / 52 ROM
IC8 D2114 RAM
IC9 D2114 RAM
IC6 74LS161 Counter
IC7 74LS161 Counter
IC5 74LS83A Full Adder
Timing control
TEXT ENABLE
TEXT DATA
IC4 pin 14
5V
12V
Field sync.
Freq
E67
F88
F89

DIAGRAM J (VIDEO TERMINAL)

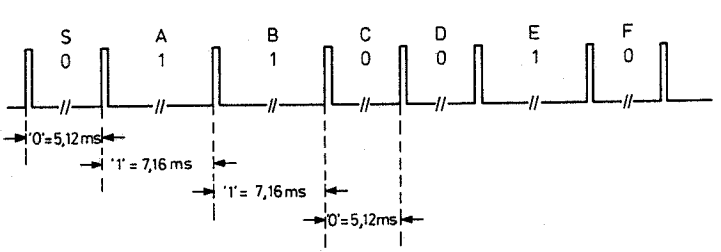


18 Video terminal 8053045


Reset
Mute
Reveal/Tune
TV
Sound
Halt / Store
Time
0
1
2
3
4
5
6
7
8
9
Step+
Step-
Volume+
Volume-
Brilliance+
Brilliance-
Colour+
Colour-
Update
Large
Text
Matrix / sense
Output stage
9V
R3
33
C1
220µ
D1
D2
R2
5K6
C2
22p
TR1
TR2
TR3
R1
0,56



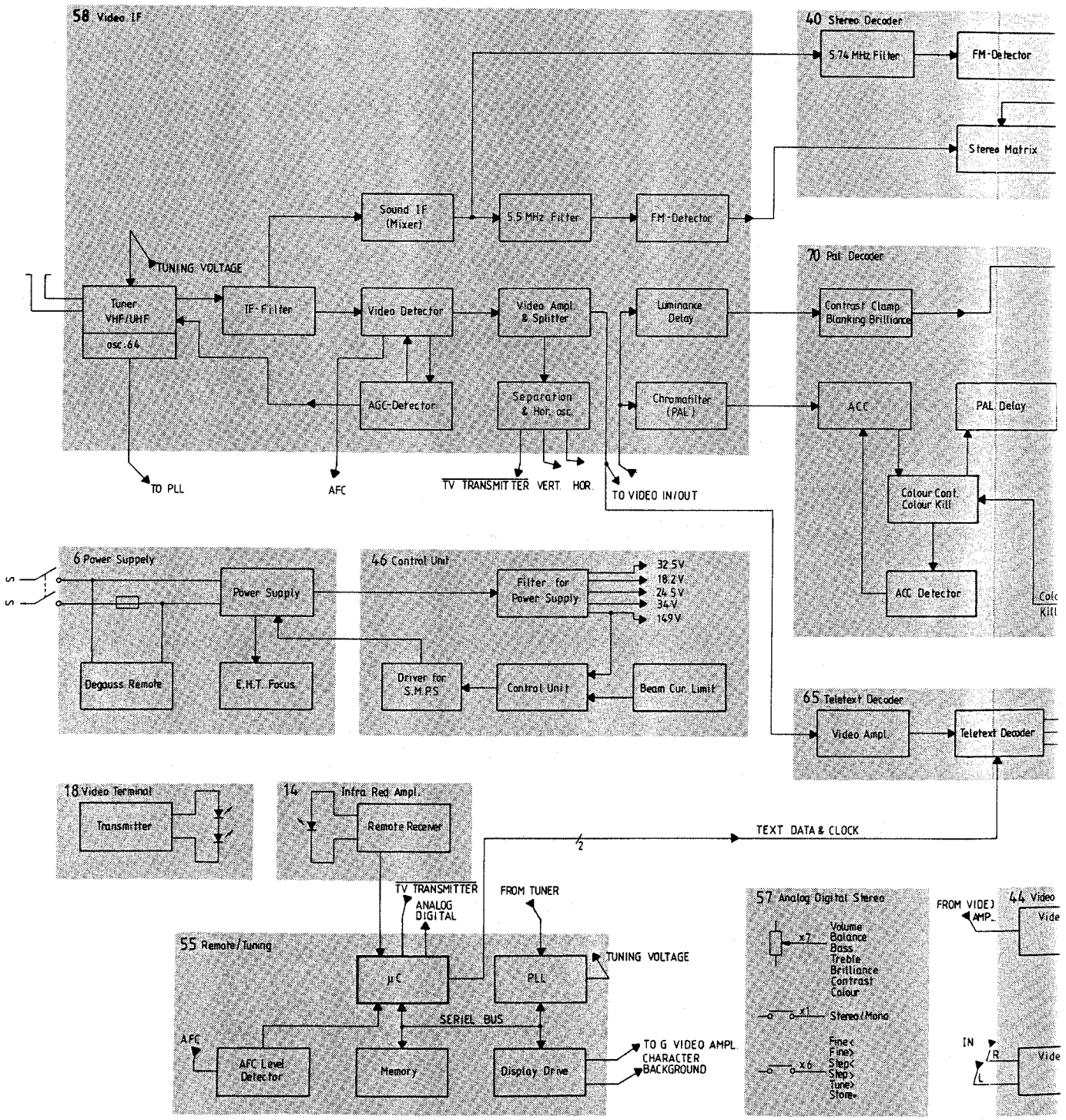
VIDEO TERMINAL FUNCTION	OUTPUT INSTRUCTIONS 18IC1 PIN 11						
	F	E	D	C	B	A	S
RESET	0	0	0	0	0	0	0
MUTE	0	0	0	0	0	1	0
●	0	0	0	0	1	0	0
TV	0	0	0	1	0	0	0
REVEAL	0	0	0	0	1	1	0
SOUND	0	0	0	1	1	0	0
HALT	0	0	1	0	1	1	0
TIME	0	0	1	1	1	0	0
0	0	1	0	0	0	0	0
1	0	1	0	0	0	1	0
2	0	1	0	0	1	0	0
3	0	1	0	0	1	1	0
4	0	1	0	1	0	0	0
5	0	1	0	1	0	1	0
6	0	1	0	1	1	0	0
7	0	1	0	1	1	1	0
8	0	1	1	0	0	0	0
9	0	1	1	0	0	1	0
STEP +	1	0	0	1	0	0	0
STEP −	1	0	0	1	0	1	0
VOLUME +	1	0	1	0	0	0	0
VOLUME −	1	0	1	0	0	1	0
BRIGHTNESS+	1	0	1	0	1	0	0
BRIGHTNESS-	1	0	1	0	1	1	0
COLOUR +	1	0	1	1	0	0	0
COLOUR −	1	0	1	1	0	1	0
UPDATE	1	1	1	0	1	0	0
LARGE	1	1	1	0	1	1	0
TEXT	1	1	1	1	0	0	0



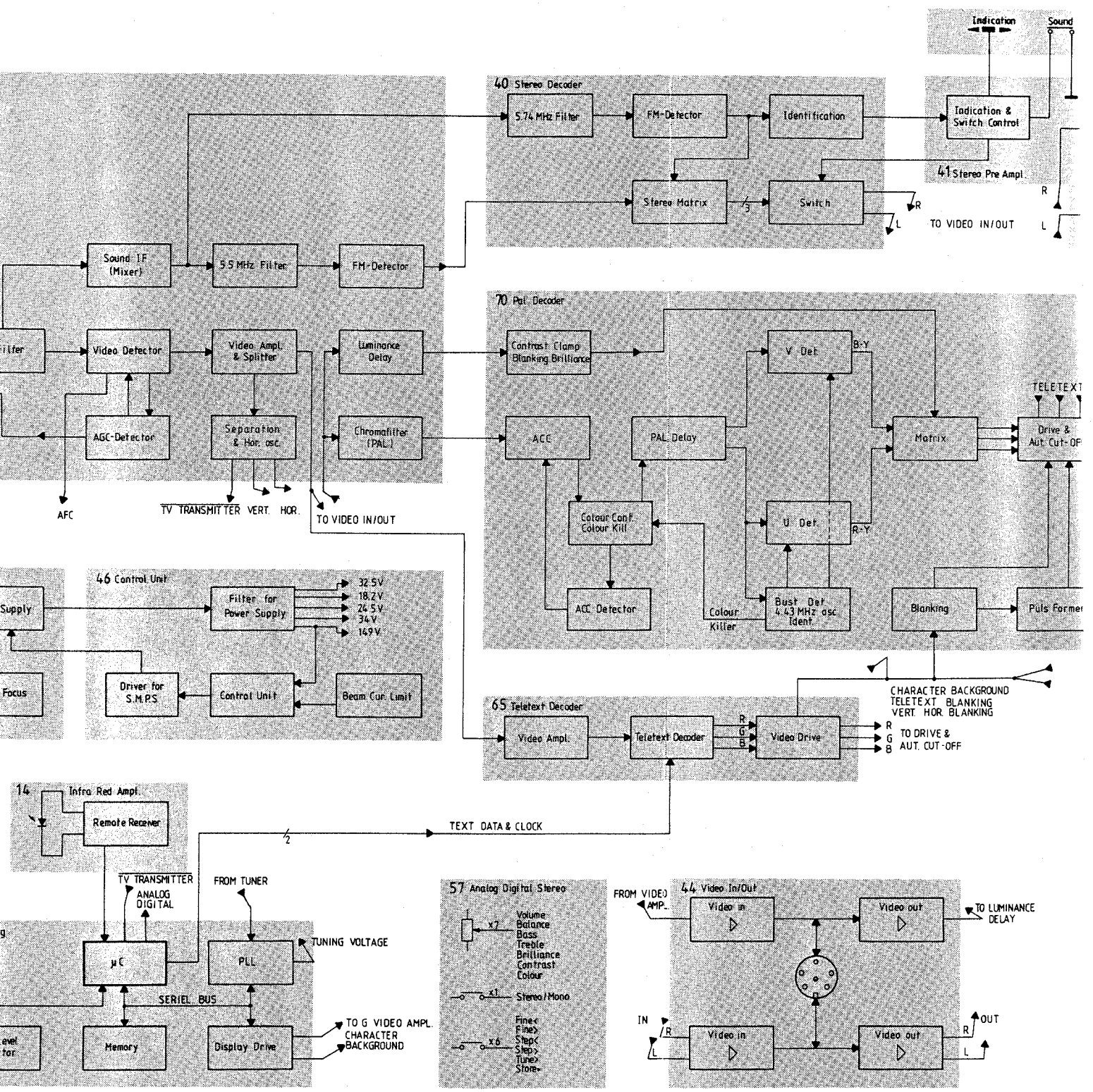
MC-Service

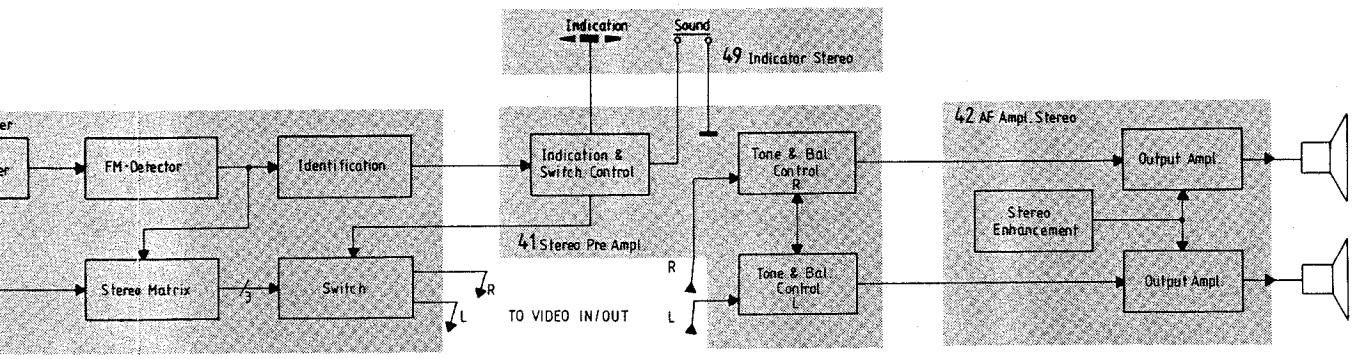
Bang&Olufsen

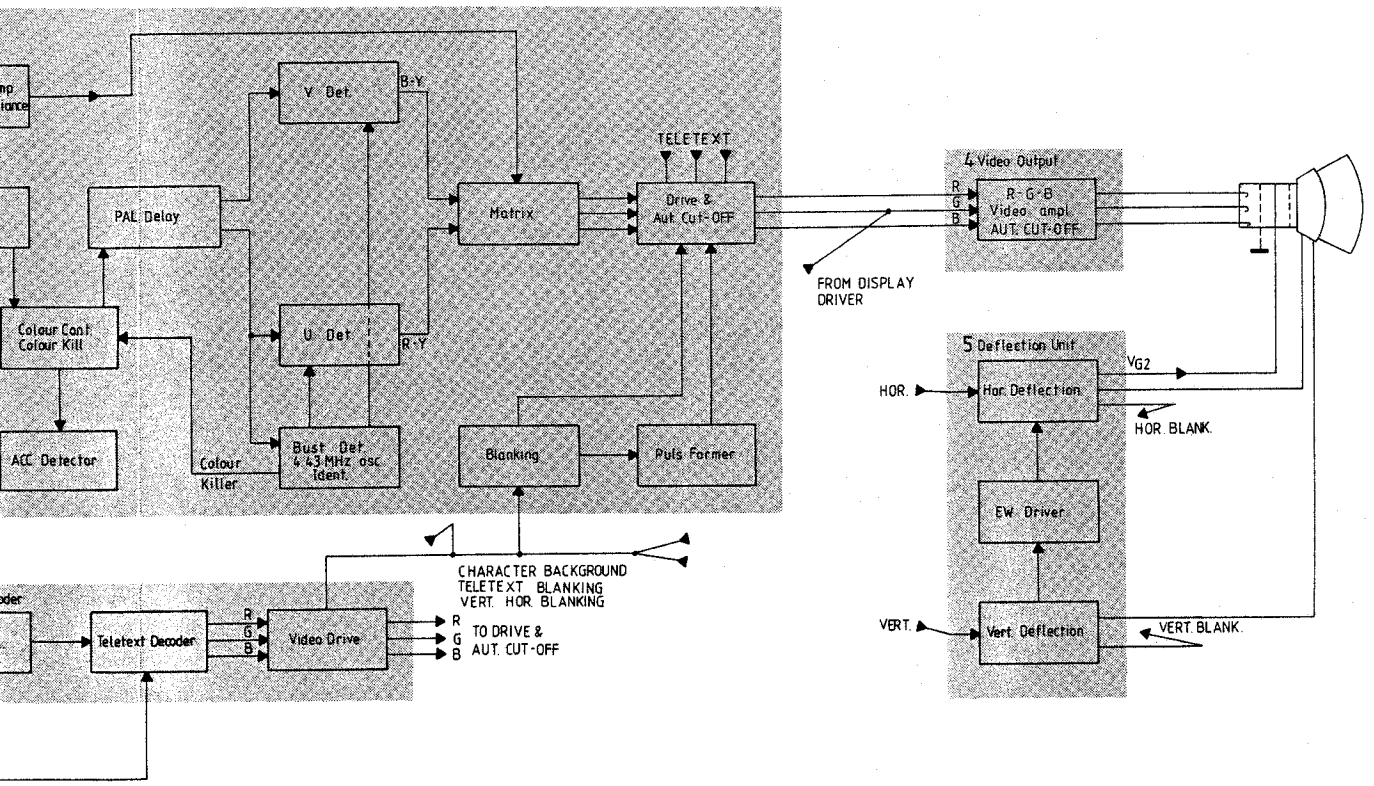
Blockdiagram for Beovision 7802, 8902 (Stereo)

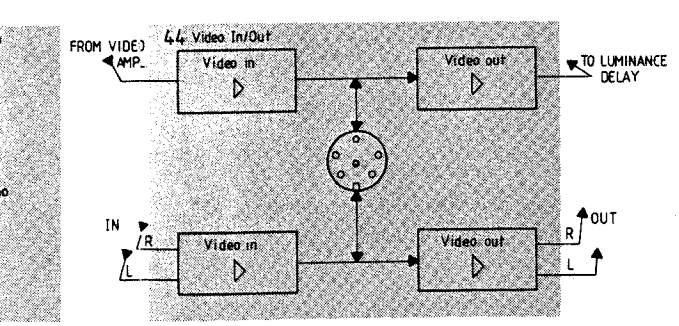


MC-Service


Indication
Sound
40 Stereo Decoder
5.74 MHz Filter
FM-Detector
Identification
Indication & Switch Control
41 Stereo Pre Ampl.
Stereo Matrix
Switch
R
L
TO VIDEO IN/OUT
Sound IF (Mixer)
5.5 MHz Filter
FM-Detector
Video Detector
Video Ampl. & Splitter
Luminance Delay
AGC-Detector
Separation & Hor. osc.
Chromafilter (PAL)
AFC
TV TRANSMITTER VERT. HOR.
TO VIDEO IN/OUT
70 Pal Decoder
Contrast Clamp Blanking Brilliance
V Det.
B-Y
TELETEXT
ACC
PAL Delay
Matrix
Drive & Aut. Cut-OFF
Colour Conf. Colour Kill
U Det.
R-Y
ACC Detector
Colour Killer
Burst Det. 4.43 MHz osc. Ident.
Blanking
Puls Former
CHARACTER BACKGROUND
TELETEXT BLANKING
VERT. HOR. BLANKING
46 Control Unit
Supply
Filter for Power Supply
32.5 V
18.2 V
24.5 V
34 V
14.9 V
Focus
Driver for S.M.P.S.
Control Unit
Beam Cur. Limit
65 Teletext Decoder
Video Ampl.
Teletext Decoder
R G B
Video Drive
R
G
B
TO DRIVE & AUT. CUT-OFF
14
Infra Red Ampl.
Remote Receiver
TEXT DATA & CLOCK
TV TRANSMITTER
ANALOG DIGITAL
FROM TUNER
µC
PLL
TUNING VOLTAGE
SERIEL BUS
Memory
Display Drive
TO G VIDEO AMPL.
CHARACTER BACKGROUND
57 Analog Digital Stereo
Volume
Balance
Bass
Treble
Brilliance
Contrast
Colour
Stereo/Mono
Fine<
Fine>
Step<
Step>
Tune>
Store
FROM VIDEO AMP.
44 Video In/Out
Video in
Video out
TO LUMINANCE DELAY
IN
OUT

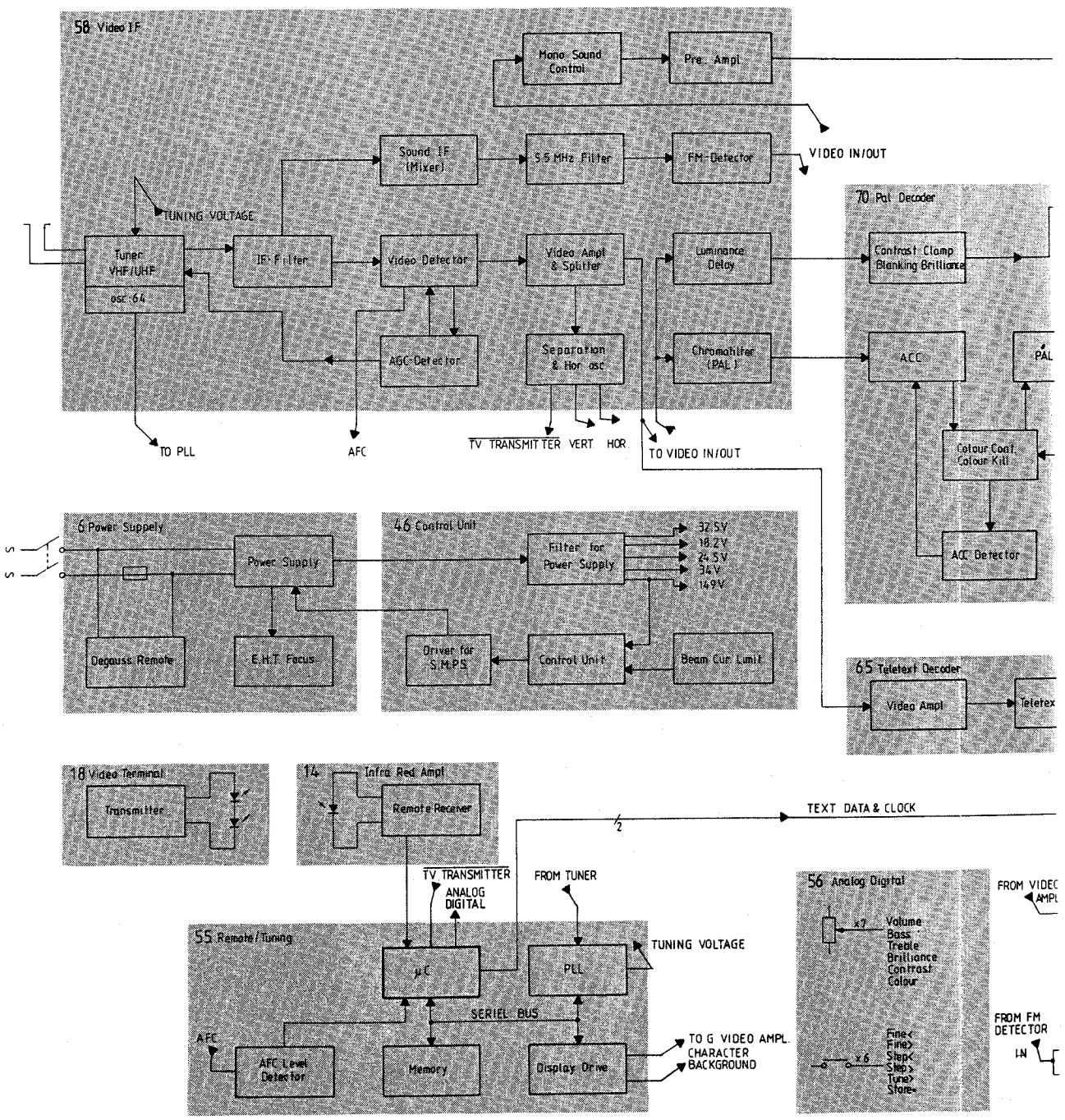


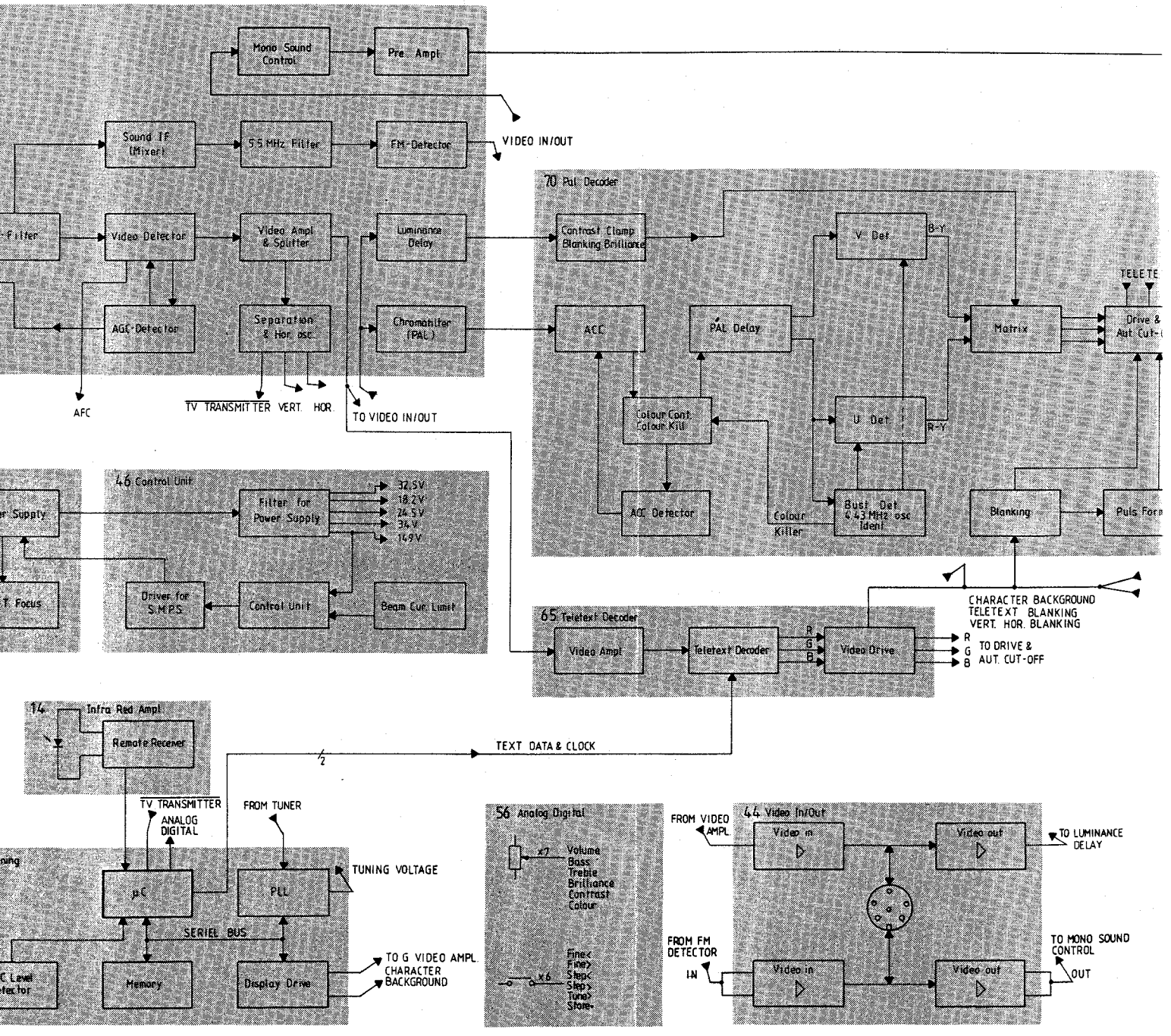


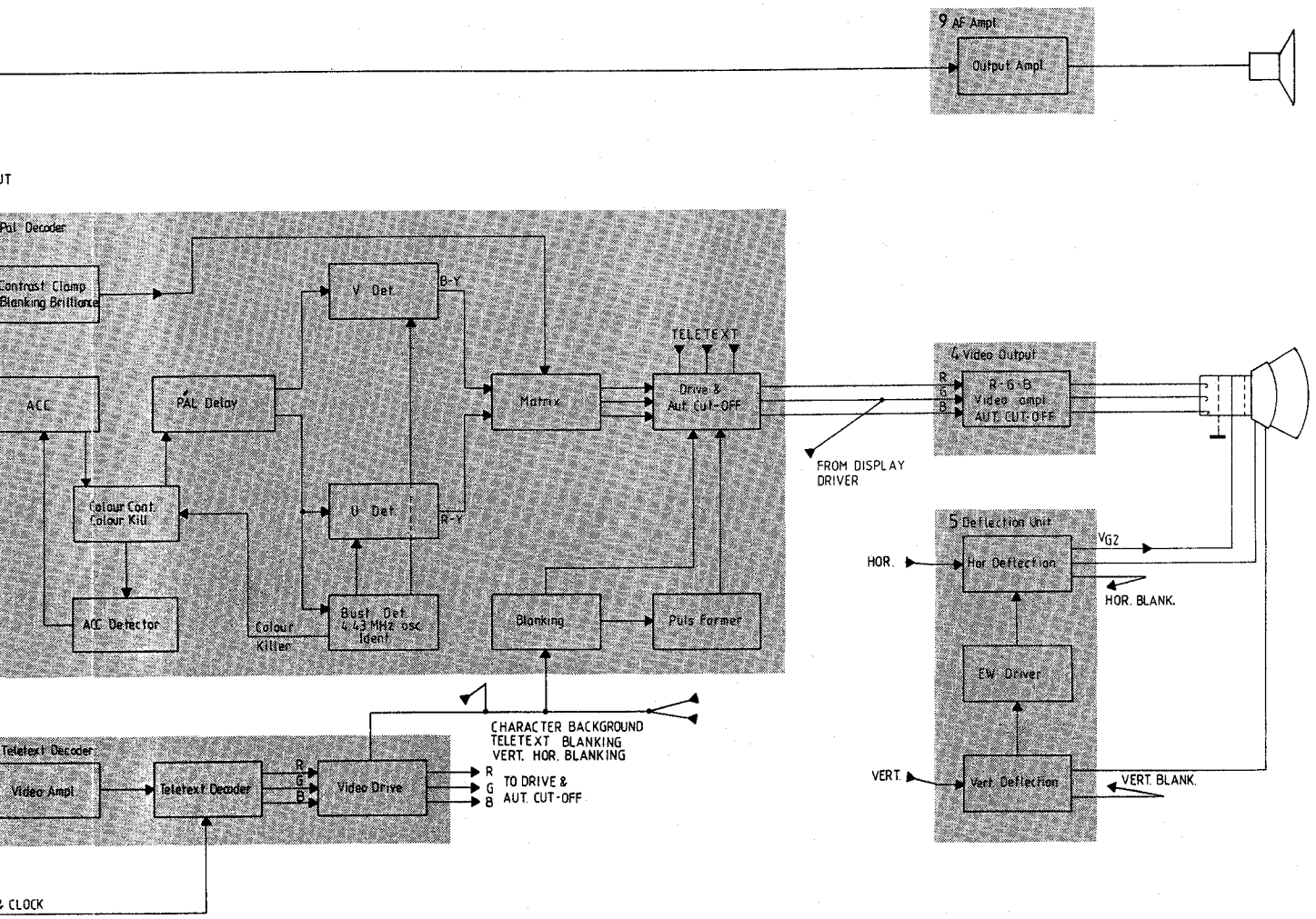


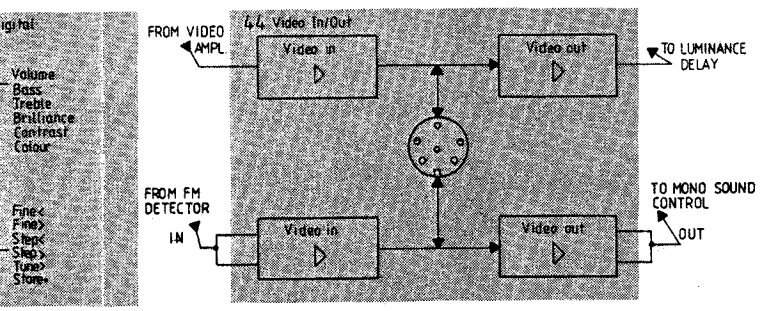
Other moduls	
47	AF Ampl. Supply Stereo
48	AF Distribution
61	Mother Board Digital Stereo

Blockdiagram for Beovision
5502, 7702, 8802, 9002 (Mono)




Mono Sound Control
Pre Ampl
Sound IF (Mixer)
5.5 MHz Filter
FM-Detector
VIDEO IN/OUT
Video Detector
Video Ampl & Splitter
Luminance Delay
AGC-Detector
Separation & Hor. osc.
Chromafilter (PAL)
AFC
TV TRANSMITTER
VERT.
HOR.
TO VIDEO IN/OUT
70 Pal Decoder
Contrast Clamp Blanking Brilliance
V Det
B-Y
ACC
PAL Delay
Matrix
Colour Cont Colour Kill
U Det
R-Y
ACC Detector
Colour Killer
Burst Det 4.43 MHz osc Ident
Blanking
CHARACTER BACKGROUND
TELETEXT BLANKING
VERT. HOR. BLANKING
46 Control Unit
Filter for Power Supply
32.5V
18.2V
24.5V
34V
149V
Driver for S.M.P.S.
Control Unit
Beam Cur. Limit
65 Teletext Decoder
Video Ampl
Teletext Decoder
Video Drive
R
G
B
TO DRIVE & AUT. CUT-OFF
14 Infra Red Ampl
Remote Receiver
TEXT DATA & CLOCK
TV TRANSMITTER
ANALOG DIGITAL
FROM TUNER
µC
PLL
TUNING VOLTAGE
SERIEL BUS
Memory
Display Drive
TO G VIDEO AMPL.
CHARACTER BACKGROUND
56 Analog Digital
x7
Volume
Bass
Treble
Brilliance
Contrast
Colour
x6
Fine<
Fine>
Step<
Step>
Tune>
Store
44 Video In/Out
FROM VIDEO AMPL.
Video in
Video out
TO LUMINANCE DELAY
FROM FM DETECTOR
IN
TO MONO SOUND CONTROL
OUT

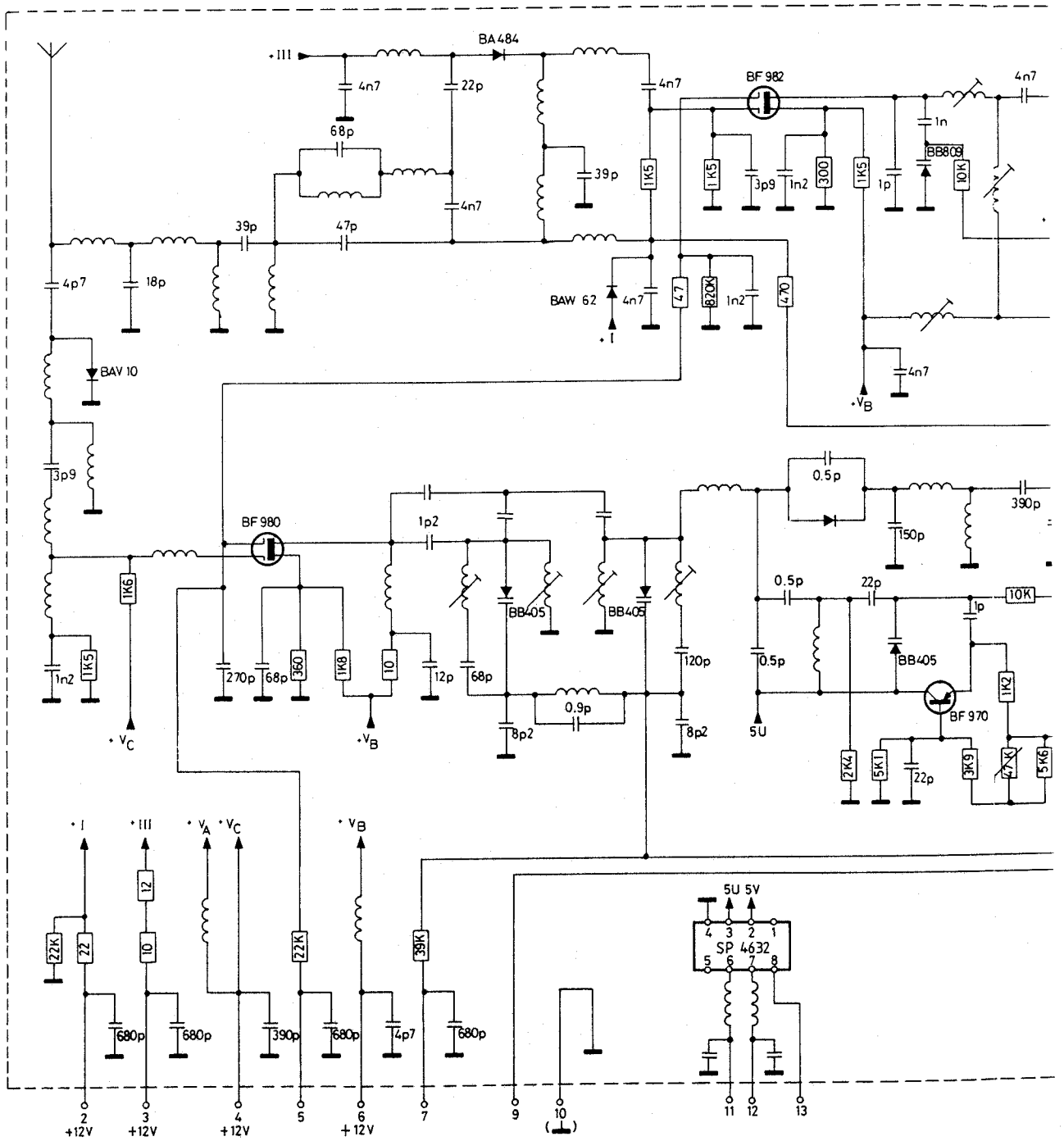




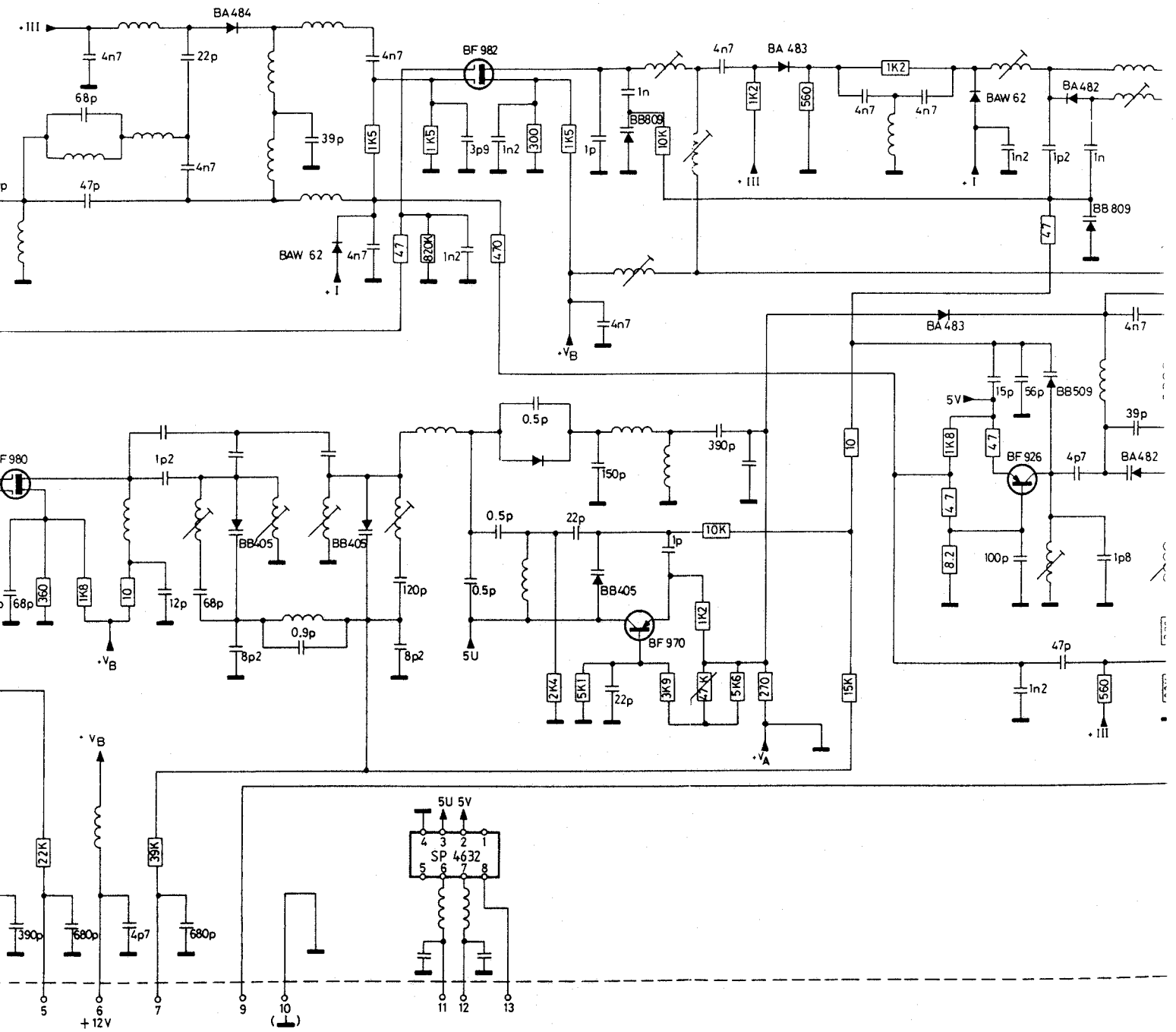
Other moduls
60 Mother Board Digital

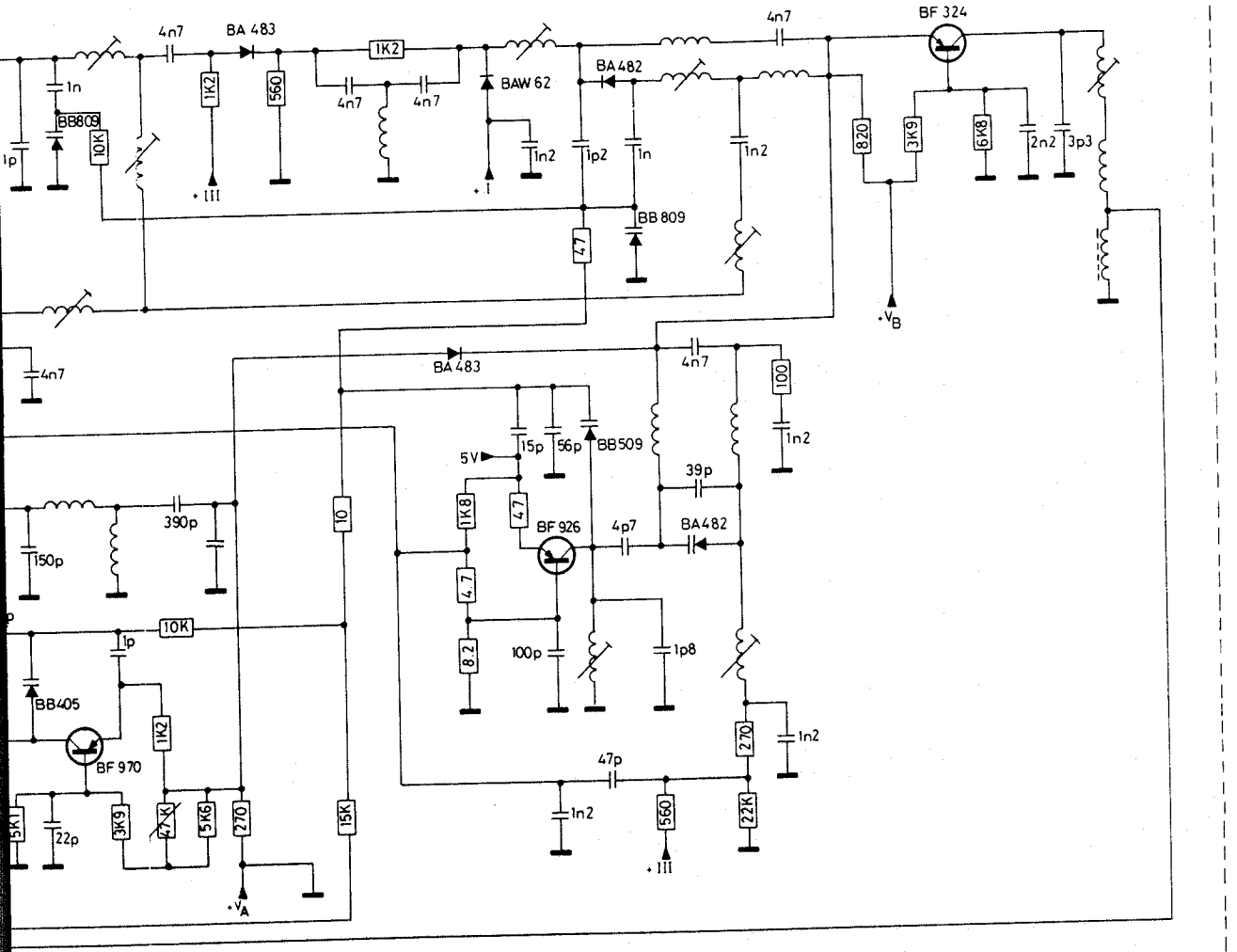
Bang&Olufsen

Diagram of 58TU1 VHF-UHF tuner (type UV412), 8050416

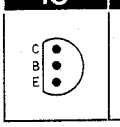
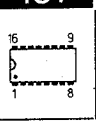
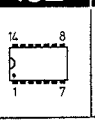
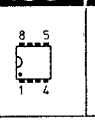
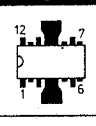
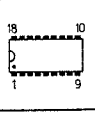
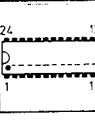
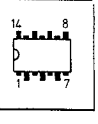


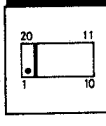
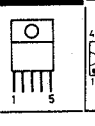
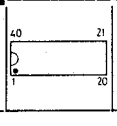
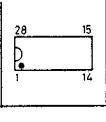
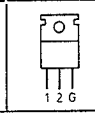
MC-Service


+III
BA484
4n7
22p
68p
39p
4n7
47p
1K5
BF 982
1n
BB809
10K
4n7
BA 483
1K2
560
1K2
4n7
4n7
BAW 62
BA482
1n2
1p2
1n
BB 809
47
BAW 62
4n7
47
820K
1n2
470
+I
+VB
4n7
BA 483
4n7
15p
56p
BB509
5V
39p
1K8
47
BF 926
4p7
BA482
4.7
8.2
100p
1p8
47p
1n2
560
+III
F 980
1p2
0.5p
150p
390p
10
0.5p
22p
10K
1p
BB405
BB405
BB405
120p
0.5p
68p
360
1K8
10
12p
68p
0.9p
8p2
8p2
+VB
5U
BF 970
1K2
2K4
5K1
22p
3K9
47K
5K6
270
15K
+VA
+VB
22K
39K
390p
680p
4p7
680p
5U 5V
SP 4632
5
6
+12V
7
9
10
11
12
13


4n7
BA 483
1K2
BAW 62
BA482
BF 324
1n
BB809
10K
560
1p2
1n2
820
3K9
6K8
2n2
3p3
BB 809
47
BA 483
100
15p
56p
BB509
5V
39p
390p
150p
1K8
BF 926
4p7
4.7
8.2
100p
1p8
270
47p
22K
BB405
BF 970
22p
5K1
47K
5K6
15K
10

SEMI-CONDUCTORS
IC's and thyristors

19	101	102	103	104	111	113	120
							

121	122	124	125	207			
							

5IC1	8340185	**104**	TDA 1170-S
5IC2	8340054	**19**	MPS A13
		19	TPS A13
6SBT1	8300320	**207**	TAG 232-600
9IC1	8340170	**120**	TDA 2020
9IC1	8340500		TDA 2040
18IC1	8340342	**113**	SAB 3021
27IC1	8340286	**124**	TDA 3300B
27IC2Δ	8340287	**125**	TDA 3030B
40IC1	8340233	**101**	TCA 3189
		101	CA 3189E
		101	LM 3189N
40IC2Δ	8340168	**103**	LF 351N
		103	TL 071CP
40IC3	8340498	**111**	TDA 2795
40IC4	8340340	**101**	CD 4053BCN
		101	MC 14053BCP
		101	HEF 4053BP
41IC1	8340245	**102**	CD 4011BC
		102	MC 14011BCP
		102	HEF 4011 BP
41IC2Δ	8340176	**102**	CD 4013BCN
		102	MC 14013BCP
		102	HEF 4013BP
41IC3	8340299	**102**	CD 4093BC
		102	MC 14093BCP
		102	HEF 4093BP
41IC4	8340499	**121**	LM 1035N
42IC1	8340500	**122**	TDA 2040
42IC2			

44IC1Δ	8340202	**102**	CD 4066BCN
44IC2Δ		**102**	MC 14066BCP
		102	HEF 4066BP
44IC3	8340048	**103**	MC 1458
		103	SFC 2458DC
45IC1	8340602	**101**	CD 4052BC
		101	MC 14052BCP
		101	HEF 4052BP
45IC2	8340048	**103**	MC 1458
		103	SFC 2458DC
45IC3	8340340	**101**	MC 14053BCP
45IC4		**101**	CD 4053BCN
		101	HEF 4053BP
46IC1	8340186	**101**	TDA 2581
55IC1Δ	8340557	**124**	µC SDA 2010 BO
55IC2Δ	8340555	**111**	SDA 2112-2
55IC3Δ	8340554	**111**	SDA 2005
55IC4	8340569	**103**	MC 1458 CP1
		103	SN 72558P
55IC5Δ	8340164	**101**	CD 4010CN
		101	MC 14010B
		101	CD 4010BF
55IC6Δ	8340556	**111**	SDA2006-e3054
58IC1	8340086	**102**	TBA 120U
58IC2	8340496	**101**	TDA 2545
58IC3*	8340233	**101**	TCA 3189
		101	CA 3189E
		101	LM 3189N
58IC4	8340497	**101**	TDA 3541

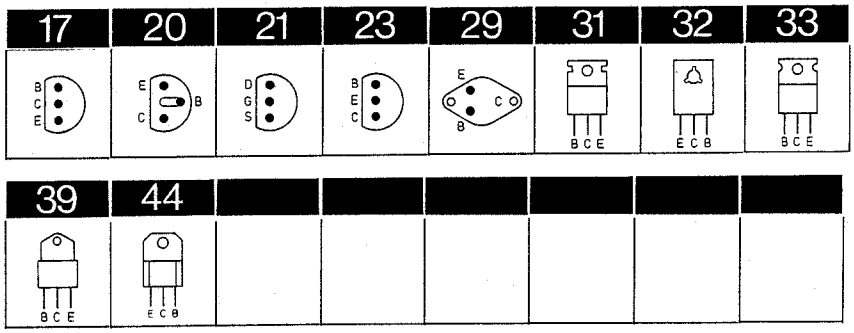
58IC5	8340341	**111**	TDA 1950
65IC1	8340267	**113**	SAA 5030
65IC2Δ	8340268	**125**	SAA 5041
65IC3Δ	8340266	**113**	SAA 5020
65IC4	8340264	**102**	74 LS 02
65IC5	8340273	**101**	74LS83 AN
65IC6	8340272	**101**	74LS161 AN
65IC7			
65IC8	8340277	**111**	P 2114AL-3
65IC9			
65IC10Δ	8340269	**125**	SAA 5050 (GB character)
	8340270	**125**	SAA 5051 (D character)
	8340271	**125**	SAA 5052 (S character)
	8340789	**125**	SAA 5054 (F character)
67IC1	8340317	**102**	LM 339N
68IC1Δ	8340202	**102**	CD 4066BCN
		102	MC 14066BCP
		102	HEF 4066 BP
70IC1	8340286	**124**	TDA 3300B
71IC1Δ	8340603	**124**	µC SDA 2010
71IC2Δ	8340463	**111**	SDA 3002
71IC3Δ	8340554	**111**	SDA 2005
71IC4	8340569	**103**	MC 1458 CP1
		103	SN 72258P

71IC5△	8340164	**101**	CD 4010CN
		101	MC 14010B
		101	CD 4010 BF
71IC6△	8340464	**103**	SDA 2116
72IC1△	8340602	**101**	CD 4052BC
		101	MC 14052BCP
		101	HEF 4052BP
72IC2	8340048	**103**	MC 1458
		103	SFC 2458DC
72IC3△	8340340	**101**	MC 14053BCP
		101	CD 4053BCN
		101	HEF 4053BP

*Specielt udvalgt eller bearbejdet eksemplar.
*Specially selected or adapted sample.
*Speziell ausgewähltes und bearbeitetes Exemplar.

△Statisk elektricitet kan ødelægge komponenten.
△Static electricity may destroy the component.
△Statische Elektrizität die Komponente zerstören kann.

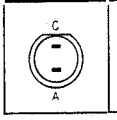
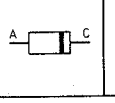
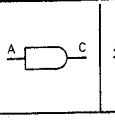
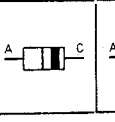
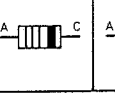
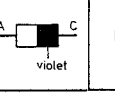
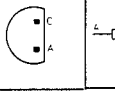
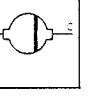
Transistors

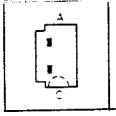
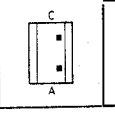


4TR1-4TR3	8320440	**44**	BF 869
5TR3	8320038	**39**	BU 508
5TR4	8320097	**20**	BC 547B
5TR5	8320152	**20**	BC 557B
5TR7	8320381	**32**	BD 235
5TR9	8320439	**33**	BD 535
5TR10	8320438	**33**	BD 536
5TR20	8320097	**20**	BC 547B
5TR21	8320487	**20**	BC 337-40
5TR22-5TR23	8320097	**20**	BC 547B
6TR1	8320431	**29**	BU 208
9TR1*	8320221	**20**	BC 549C
14TR1	8320108	**20**	BC 548B
14TR2-14TR3	8320202	**20**	BC 557A
14TR4	8320095	**20**	BC 549
18TR1	8320424	**17**	BC 368
18TR2-18TR3	8320108	**20**	BC 548B
27TR1	8320108	**20**	BC 548B
27TR2	8320329	**20**	BC 338-25/18
27TR3	8320370	**17**	BF 422
27TR4	8320097	**20**	BC 547B
27TR5-27TR6	8320108	**20**	BC 548B
27TR7-27TR8	8320097	**20**	BC 547B
27TR9	8320108	**20**	BC 548B
27TR10	8320104	**20**	BC 558B
27TR11-27TR13	8320108	**20**	BC 548B
27TR14-27TR15	8320097	**20**	BC 547B
27TR16	8320108	**20**	BC 548B
40TR1-40TR3	8320377	**20**	BC 547C
41TR1-41TR4	8320108	**20**	BC 548B
41TR5	8320331	**20**	BC 328-25
41TR6-41TR7	8320466	**21**	J 175
41TR8	8320329	**20**	BC 338-25/18
42TR1	8320097	**20**	BC 547B
42TR2-42TR3	8320466	**21**	J 175
44TR1	8320152	**20**	BC 557B
44TR2-44TR7	8320097	**20**	BC 547B
44TR8	8320152	**20**	BC 557B
45TR1	8320377	**20**	BC 547C
45TR2	8320152	**20**	BC 557B
45TR3-45TR5	8320377	**20**	BC 547C
45TR6	8320152	**20**	BC 557B
45TR7-45TR10	8320377	**20**	BC 547C
46TR1	8320295	**20**	BC 337-25/18
46TR2	8320097	**20**	BC 547B
46TR3	8320430	**17**	BC 639
46TR4	8320152	**20**	BC 557B

55TR1	8320152 **20**	BC 557B
55TR2-55TR5	8320097 **20**	BC 547B
55TR6	8320316 **20**	BC 327-25/18
55TR7	8320097 **20**	BC 547B
55TR8	8320369 **31**	BD 534
55TR9	8320097 **20**	BC 547B
55TR10	8320295 **20**	BC 337-25/18
55TR11-55TR16	8320097 **20**	BC 547B
55TR17	8320152 **20**	BC 557B
55TR18-55TR20	8320097 **20**	BC 547B
55TR21-55TR22	8320152 **20**	BC 557B
55TR23	8320097 **20**	BC 547B
58TR1-58TR2	8320295 **20**	BC 337-25/18
58TR3-58TR5	8320152 **20**	BC 557B
58TR8-58TR9	8320097 **20**	BC 547B
58TR10	8320152 **20**	BC 557B
58TR11	8320405 **20**	BC 550B
58TR12	8320486 **23**	BF 959
58TR13	8320152 **20**	BC 557B
58TR14-58TR16	8320097 **20**	BC 547B
58TR17	8320377 **20**	BC 547C
65TR1-65TR3	8320097 **20**	BC 547B
65TR4	8320152 **20**	BC 557B
65TR5	8320239 **39**	BD 135/W
65TR6	8320097 **20**	BC 547B
65TR7	8320369 **31**	BD 534
65TR10-65TR13	8320097 **20**	BC 547B
67TR1	8320152 **20**	BC 557B
68TR1	8320377 **20**	BC 547C
68TR2-68TR3	8320152 **20**	BC 557B
68TR4-68TR11	8320377 **20**	BC 547C
70TR2	8320329 **20**	BC 338-25/18
70TR3	8320370 **17**	BF 422
70TR4	8320097 **20**	BC 547B
70TR5-70TR6	8320108 **20**	BC 548B
70TR7-70TR8	8320097 **20**	BC 547B
70TR9	8320108 **20**	BC 548B
70TR10	8320104 **20**	BC 558B
70TR11-70TR13	8320108 **20**	BC 548B
70TR14-70TR15	8320097 **20**	BC 547B
70TR16	8320108 **20**	BC 548B
71TR1	8320152 **20**	BC 557B
71TR2-71TR5	8320097 **20**	BC 547B
71TR6	8320316 **20**	BC 327-25/18
71TR8	8320369 **31**	BD 534
71TR9	8320097 **20**	BC 547B
71TR10	8320295 **20**	BC 337-25/18
71TR11-71TR16	8320097 **20**	BC 547B
71TR17	8320152 **20**	BC 557B
71TR18-71TR20	8320097 **20**	BC 547B
71TR21-71TR22	8320152 **20**	BC 557B
71TR23	8320097 **20**	BC 547B
72TR1	8320377 **20**	BC 547C
72TR2	8320152 **20**	BC 557B
72TR3-5	8320377 **20**	BC 547C
72TR6	8320152 **20**	BC 557B
72TR7-10	8320377 **20**	BC 547C
72TR11	8320152 **20**	BC 557B
72TR12-18	8320377 **20**	BC 547C

Diodes

203	209	212	214	215	217	219	221
							

224	225
	

4D1	8300101	**214**	BAX 16-TB
4D2	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
4D3-	8300101	**214**	BAX 16-TB
4D10			
4D11	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
4D12	8300101	**214**	BAX 16-TB
4D13			
4D14	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
5D5	8300209	**209**	AA 144
5D6*	8300317	**209**	1N 4001
5D10	8300058	**217**	SFD 184
5D11		**215**	1N 4148
		209	1N 4148
5D13	8300304	**221**	BY 228
5D14	8300371	**212**	RGP 15A
5D15	8300372	**212**	RGP 01-16
5D16	8300428	**212**	1N 4007
5D17	8300023	**209**	1N 4002
5D18	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
6D1-6D4	8300302	**209**	1N 5407
6D5	8300332	**221**	BY 448
6D6-6D7	8300345	**221**	BYV 95C
6D8	8300332	**221**	BY 448
6D9	8300342	**221**	BYV 95B
6D10			
9D1*	8300317	**209**	1N 4001
9D2*			
14D1	8330019	**203**	CQX 39B
14D2	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
14D3	8300028	**209**	ZPD 9.1V 5%
		209	BZX 79 C9V1
		209	BZX 83 C9V1
14D4	8330004	**219**	SFH 205
		224	BPW 41
		225	TIL 100
		224	BWP 41
18D1	8330005	**203**	CQY 99
18D2		**203**	TIL 38
27D1-	8300058	**217**	SFD 184
27D3		**215**	1N 4148
		209	1N 4148
27D4	8300029	**209**	ZPD 12V 5%
		209	BZX 79 12.0V
		209	BZX 83 12.0V
27D5-	8300058	**217**	SFD 184
		215	1N 4148
27D21		**209**	1N 4148
40D1-	8300058	**217**	SFD 184
40D3		**215**	1N 4148
		209	1N 4148
41D1-	8300058	**217**	SFD 184
41D12		**215**	1N 4148
		209	1N 4148
41D13	8300316	**209**	ZPD 13V 2%
		209	BZX 79 B13V
		209	BZX 83 B13V
42D1	8300058	**217**	SFD 184
42D2		**215**	1N 4148
		209	1N 4148
44D1-	8300058	**217**	SFD 184
44D8		**215**	1N 4148
		209	1N 4148
45D1-	8300058	**217**	SFD 184
45D14		**215**	1N 4148
		209	1N 4148
46D5	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
46D6	8300212	**209**	1N 4448
46D7			
46D8	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
46D9	8300201	**209**	ZPD 6.2V 5%
		209	BZX 79 C6V2
		209	BZX 83 C6V2
46D10-	8300058	**217**	SFD 184
46D13		**215**	1N 4148
		209	1N 4148
46D14*	8300248	**209**	ZTK 33
			DPD 32.5V
		209	TDA 1550
46D15-	8300058	**217**	SFD 184
46D17		**215**	1N 4148
		209	1N 4148
46D18	8300388	**221**	BYW 95A
		221	RGP 30D

46D19	8300390	**212**	BA 157
46D20		**212**	BY 206
		212	RGP 10A
46D21	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
46D22-	8300023	**209**	1N 4002
46D25			
49D1	8330058		V-510-PB
49D2	8330079		V-550-PB
49D3			
55D1	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
55D2	8300169	**209**	ZPD 5.1V 5%
		209	BZX 79 C5V1
		209	BZX 83 C5V1
55D3-	8300058	**217**	SFD 184
55D13		**215**	1N 4148
		209	1N 4148
55D14	8300407	**209**	ZPD 12V 2%
		209	BZX 79 B12V
		209	BZX 83 B12V
55D15-	8300058	**217**	SFD 184
55D18		**215**	1N 4148
		209	1N 4148
55D19	8300128	**209**	ZPD 5.6V 5%
		209	BZX 79 C5V6
		209	BZX 83 C5V6
55D20	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
55D21	8300102	**209**	1N 4004
55D22-	8300058	**217**	SFD 184
55D27		**215**	1N 4148
		209	1N 4148
55D28	8300036	**209**	ZPD 4.7V 5%
		209	BZX 79 C4V7
		209	BZX 83 C4V7
55D29	8300173	**209**	ZPD 8.2V 5%
		209	BZX 79 C8V2
		209	BZX 83 C8V2
55D32	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
58D1	8300316	**209**	ZPD 13V 2%
		209	BZX 79 B13V
		209	BZX 83 B13V
58D2-	8300058	**217**	SFD 184
58D19		**215**	1N 4148
		209	1N 4148
65D1	8300058	**217**	SFD 184
65D2		**215**	1N 4148
		209	1N 4148
65D3	8300407	**209**	ZPD 12V 2%
		209	BZX 79 C12V
		209	BZX 83 C12V
65D4	8300342	**221**	BYV 95B
65D5	8300135	**209**	ZPD 3.3V 5%
		209	BZX 79 C3V3
		209	BZX 83 C3V3
67D2	8300058	**217**	SFD 184
67D3		**215**	1N 4148
		209	1N 4148
67D4	8300142	**209**	AA 143
		209	0A 47
68D1-	8300058	**217**	SFD 184
68D12		**215**	1N 4148
		209	1N 4148
70D1	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
70D4	8300029	**209**	ZPD 12V 5%
		209	BZX 79 C12V
		209	BZX 83 C12V
70D7-	8300058	**217**	SFD 184
70D14		**215**	1N 4148
		209	1N 4148
70D15	8300209	**209**	GE AA144
70D16			
70D17	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
71D1	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148
71D2	8300169	**209**	ZPD 5.1V 5%
		209	BZX 79 C5V1
		209	BZX 83 C5V1
71D3-	8300058	**217**	SFD 184
71D13		**215**	1N 4148
		209	1N 4148
71D14	8300407	**209**	ZPD 12V 2%
		209	BZX 79 B 12V
		209	BZX 83 B 12V
71D15-	8300058	**217**	SFD 184
71D18		**215**	1N 4148
		209	1N 4148
71D19	8300048	**209**	BZX 79C27
		209	BZX 83C27
		209	ZPD 27
71D20	8300058	**217**	SFD 184
71D27		**215**	1N 4148
		209	1N 4148
71D28	8300036	**219**	ZPD 4.7V 5%
		209	BZX 79 C4V7
		209	BZX 83 C4V7
71D29	8300173	**209**	8.2V 5%
		209	BZX 79 C8V2
		209	BZX 83 C8V2
71D30	8300058	**217**	SFD 184
71D34		**215**	1N 4148
		209	1N 4148
72D1-12	8300058	**217**	SFD 184
		215	1N 4148
		209	1N 4148

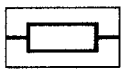
*Specielt udvalgt eller bearbejdet eksemplar.
*Specially selected or adapted sample.
*Speziell ausgewähltes und bearbeitetes Exemplar.

Bang & Olufsen

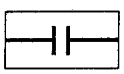
LIST OF ELECTRICAL PARTS

Resistors not mentioned are ±5% 1/4W carbon film.

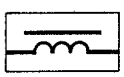
PCB4, 8003254 Video Output



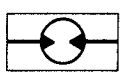
R3	5020127	10 kΩ ±5% 1W	R16	5370223	4.7 MΩ ±20% 0.15W
R6	5020127	10 kΩ ±5% 1W	R17	5010802	2.2 MΩ ±10% 1/2W
R9	5020127	10 kΩ ±5% 1W	R18	5011072	1.8 MΩ ±5% 1/2W
R12	5001167	2.2 kΩ ±10% 1/2W	R20	5001167	2.2 kΩ ±10% 1/2W
R13	5001167	2.2 kΩ ±10% 1/2W	R21	5010806	1.2 kΩ ±5% 1/3W
R14	5001167	2.2 kΩ ±10% 1/2W			



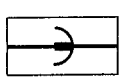
C2	4130103	100 nF ±20% 250V
C3	4010085	1 nF -20+50% 2 KV



L1	8020326	220 µH/1 MΩ

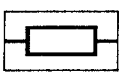


G1	2810111	Fjeder for gnistgab Spring for spark gap Feder für Funkenstrecke

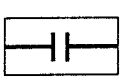


P18	7220160	Plug 5/4 pol.	2365008	Hulnitte
P19	7500013	Contact spear		Rivet
	6271127	Focus lead (red)		Niet
P7	6275400	Wire bundle		
	7200053	Billedrørsfatning Socket for picture tube Fassung für Bildröhre		

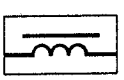
PCB5, 8003253 Deflection Unit



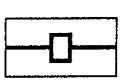
R12	5010038	82 kΩ ±5% 1/2W	R57	5020442	390 Ω ±5% 1W
R20	5370202	22 kΩ ±20% 0.1W	R58	5370222	1.5 kΩ ±10% 3W
R23	5370202	22 kΩ ±20% 0.1W	R61	5020460	220 Ω ±5% 1W
R34	5011014	120 Ω ±5% 1/2W	R62	5020460	220 Ω ±5% 1W
R35	5020319	3.3 MΩ ±1% 1/2W	R73	5011034	2.2 kΩ ±5% 1/2W
R36	5010038	82 kΩ ±5% 1/2W	R74	5011044	10 kΩ ±5% 1/2W
R37	5370201	47 kΩ ±20% 0.1W	R76	5010362	180 Ω ±5% 1/4W
R38	5011075	2.7 MΩ ±5% 1/2W	R77	5011024	680 Ω ±5% 1/4W
R41	5011074	2.2 MΩ ±5% 1/2W	R82	5020379	3.9 MΩ ±5% 1/4W
R48	5011000	10 Ω ±5% 1/2W	R84	5020467	390 Ω ±5% 3W
R54	5370201	47 kΩ ±20% 0.1W	R87	5370128	100 kΩ ±20% 0.1W
R56	5100299	0.47 Ω ±10% 1W			



C12	4130149	1.5 µF ±10% 100V	C31	4130245	220 nF ±5% 63V
C13	4200100	22 µF 40V	C32	4200548	10 µF 63V
C14	4130270	68 nF ±5% 63V	C33	4200548	2000 µF -10+50% 25V
C15	4130270	68 nF ±5% 63V	C34	4201060	100 µF 40V
C16	4130222	33 nF ±2.5% 63V	C36	4010076	22 nF -20+100% 40V
C17	4130078	47 nF ±20% 250V	C37	4010060	22 nF -20+80% 40V
C18	4200098	100 µF 10V	C41	4130216	22 nF ±10% 63V
C19	4200322	4.7 µF -10+50% 63V	C42	4200380	1 µF -10+50% 63V
C20	4101030	390 pF ±5% 63V	C43	4010086	1 nF ±20% 250V
C21	4200285	0.47 µF -10+50% 63V	C44	4130149	1.5 µF ±10% 100V
C22	4130213	10 nF ±10% 63V	C45	4130197	10 nF ±5% 1500V
C23	4130256	15 nF ±20% 63V	C46	4130162	330 nF ±5% 250V
C24	4130101	100 nF ±5% 250V	C47	4010085	1 nF -20+50% 2 KV
C25	4130271	100 nF ±5% 63V	C48	4130198	100 nF ±20% 1000V
C26	4130271	100 nF ±5% 63V	C49	4200183	220 µF 25V
C27	4201060	100 µF 40V	C50	4010067	1.5 nF ±10% 63V
C28	4030026	47 nF -20+80% 30V	C51	4010037	390 pF ±10% 100V
C29	4003125	33 pF ±2% 63V	C52	4000049	15 pF ±2% 63V
C30	4010067	1.5 nF ±10% 63V			

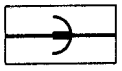


L10	8024063	Coil 11 µH



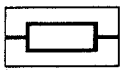
FE1	6710002	Ferrite core	FE3	6710002	Ferrite core
FE2	8020332	Coil			

T10	8014068	Transformer
T11	8014069	Transformer

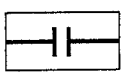


P20	7500113	Contact pin
P27	6775411	Wire bundle
	3152214	Cable binder

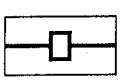
PCB6, 8003250 Power Supply



R2	5100089	3.3 Ω ±10% 3W	R10	5011083	10 MΩ ±5% 1/2W
R3	5010779	180 kΩ ±5% 1W	R11	5230009	40+100 Ω 265V
R6	5390025	83 MΩ 7 KV	R14	5011014	120 Ω ±5% 1/2W
R8	5011069	1 MΩ ±5% 1/2W	R15	5011000	10 Ω ±5% 1/2W
R9	5011081	8.2 MΩ ±5% 1/2W			

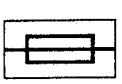


C1	4000103	150 pF ±10% 2 KV	C12	4130081	10 nF ±20% 250V
C2	4130279	100 nF ±20% 275V	C13	4130112	10 nF ±20% 400V
C3	4130169	47 nF ±20% 250V	C14	4130029	470 nF ±10% 250V
C4	4020012	4.7 nF ±20% 400V	C15	4020012	4.7 nF ±20% 400V
C5	4130169	47 nF ±20% 250V	C16	4020012	4.7 nF ±20% 400V
C6	4020012	4.7 nF ±20% 400V	C17	4130103	100 nF ±20% 250V
C7	4200419	220µF -10+50% 385V	C18	4130103	100 nF ±20% 250V
C10	4130165	10.5 nF ±5% 1500V	C19	4130078	47 nF ±20% 250V
C11	4130164	2.2 µF ±10% 210V			

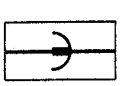


FE1	8020333	Coil 7 µH	FE5	8020333	Coil 7 µH
FE2	8020332	Coil 16 µH	FE6	6710002	Coil 1.6 µH
FE3	6710002	Coil 1.6 µH	FE7	6710002	Coil 1.6 µH
FE4	6710002	Coil 1.6 µH	FE8	8020333	Coil 7 µH

T1	8022097	Transformer	T4	8014061	Transformer
T2	8013204	Transformer	T5	8014152	Transformer
T3	8014062	Transformer	T6	8022098	Transformer

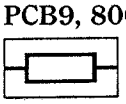


F1	6600009	Fuse 2 AT
	7500002	Fuse holder

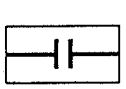


P26	7500080	Contact spear (ø1.5 mm)		2641080	Underlagsstykke
P22	6273833	Wire bundle			Base plate
P25	6273882	Wire bundle			Zwischenstück
P31	6273883	Wire bundle			
	2391053	Låsestykke for focusledning Lockingplate for focus lead Verriegelungsstück für Fokusleitung			

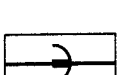
PCB9, 8003260 AF Amp.



R1	5102009	0.47 Ω ±10% 1W
R2	5020130	150 kΩ ±1% 1/2W
R4	5020140	49.9 kΩ ±1% 1/4W



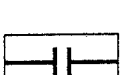
C1	4200550	4700 µF -10+50% 40V	C8	4200332	2200 µF 25V
C2	4130103	100 nF ±20% 250V	C9	4130103	100 nF ±20% 250V
C3	4200431	10 µF 16V	C10	4200423	2.2 µF 50V
C4	4200477	4.7 µF 25V	C11	4010027	1 nF ±10% 100V
C5	4130104	220 nF ±20% 100V	C12	4130097	15 nF ±10% 250V
C6	4130103	100 nF ±20% 250V	C13	4010027	1 nF ±10% 100V
C7	4000069	100 pF ±5% 63V			



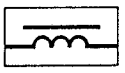
P14	7500113	Contact pin	P16	7500113	Contact pin
P15	7500113	Contact pin	P17	7500113	Contact pin

PCB14, 8003258 Infra Red Amp.

R1	5011031	1.5 kΩ ±5% 1/2W

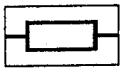


C1	4201035	2.2 µF -10+50% 63V	C5	4010027	1 nF ±10% 100V
C2	4200016	22 µF -10+50% 25V	C6	4130150	100 nF ±20% 100V
C3	4130109	10 nF ±10% 250V	C7	4101025	180 pF ±2.5% 63V
C4	4010076	22 nF -20+100% 40V	C8	4130087	47 nF ±10% 250V

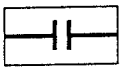


L1	8022096	Coil 100 mH
	6275403	Wire bundle

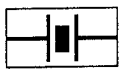
PCB18, 8003359 Video Terminal



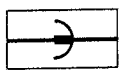
R1	5020129	0.56 Ω ±10% 1/2W
R4	5010638	10 MΩ ±10% 1/4W



C1	4200396	220 µF 16V	C3	4000026	22 pF ±2% 63V
C2	4000026	22 pF ±2% 63V	C4	4000094	150 pF ±5% 63V



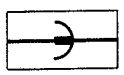
X1	8090003	Crystal 4 MHz



P33	7210290	Socket/housing 8/8 pol.
P34	7210289	Socket/housing 7/7 pol.
	7500134	Contact spring

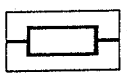
PCB21, 8003294 Headphone PCB

R1	5210006	3.3 kΩ ±33%
R2	5001019	220 Ω ±10% 1/2W

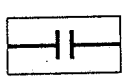


P17	6275410	Wire bundle
	7210153	Jack plug

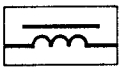
PCB27, 8003516 Pal/Secam Decoder



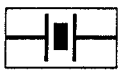
R24	5010787	18 Ω ±5% 1/2W	R55	5370128	100 kΩ ±20% 0.1W
R25	5020135	12 Ω ±10% 1/4W	R60	5011083	10 MΩ ±10% 1/2W
R27	5011013	100 Ω ±5% 1/2W	R61	5011083	10 MΩ ±10% 1/2W
R31	5370128	100 kΩ ±20% 0.1W	R62	5011083	10 MΩ ±10% 1/2W
R36	5370059	220 Ω ±20% 0.1W	R63	5011083	10 MΩ ±10% 1/2W
R42	5370128	100 kΩ ±20% 0.1W	R67	5370049	1 MΩ ±20% 0.1W
R44	5370208	100 Ω ±20% 0.1W	R75	5370059	220 Ω ±20% 0.1W
R46	5010421	1.2 MΩ ±5% 1/2W	R80	5011074	2.2 MΩ ±5% 1/2W
R54	5011078	4.7 MΩ ±5% 1/2W	R83	5370074	10 kΩ ±20% 0.1W



C1	4200380	1 µF -10+50% 63V	C35	4000081	18 pF ±5% 63V
C2	4200285	0.47 µF -10+50%63V	C36	4000007	82 pF ±2% 63V
C3	4200342	10 µF -10+50% 63V	C37	4200476	0.47 µF ±20% 50V
C4	4010076	22 nF -20+100% 40V	C38	4200476	0.47 µF ±20% 50V
C5	4010076	22 nF -20+100% 40V	C39	4000115	47 pF ±10% 250V
C6	4200342	10 µF -10+50% 63V	C40	4010092	220 pF ±10% 250V
C7	4130104	220 nF ±20% 100V	C41	4010137	390 pF ±10% 63V
C8	4130103	100 nF ±20% 250V	C42	4000115	47 pF ±10% 250V
C9	4130103	100 nF ±20% 250V	C43	4010092	220 pF ±10% 250V
C10	4130103	100 nF ±20% 250V	C44	4010137	390 pF ±10% 63V
C11	4200476	0.47 µF ±20% 50V	C45	4200342	10 µF -10+50% 63V
C12	4200342	10 µF -10+50% 63V	C46	4200476	0.47 µF ±20% 50V
C13	4200342	10 µF -10+50% 63V	C47	4010076	22 nF -20+100% 40V
C14	4010092	220 pF ±10% 250V	C48	4010062	330 pF ±10% 100V
C16	4000115	47 pF ±10% 250V	C49	4200342	10 µF -10+50% 63V
C17	4010092	220 pF ±10% 250V	C50	4010086	1 nF ±20% 250V
C18	4010137	390 pF ±10% 63V	C51	4003124	56 pF ±2% 63V
C19	4010086	1 nF ±20% 250V	C52	4000120	6.8 pF ±0.25 pF 63V
C20	4200285	0.47 µF -10+50% 63V	C53	4010076	22 nF -20+100% 40V
C21	4010086	1 nF ±20% 250V	C54	4010076	22 nF -20+100% 40V
C22	4200380	1 µF -10+50% 63V	C55	4010076	22 nF -20+100% 40V
C23	4010086	1 nF ±20% 250V	C56	4000094	150 pF ±5% 63V
C24	4010092	220 pF ±10% 250V	C57	4010105	1 nF ±10% 100V
C25	4010086	1 nF ±20% 250V	C58	4010086	1 nF ±20% 250V
C26	4010092	220 pF ±10% 250V	C59	4200516	47 µF ±20% 16V
C28	4200285	0.47 µF -10+50%63V	C60	4130110	33 nF ±20% 250V
C29	4010086	1 nF ±20% 250V	C61	4130103	100 nF ±20% 250V
C30	4200476	0.47 µF ±20% 50V	C62	4010086	1 nF ±20% 250V
C31	4010086	1 nF ±20% 250V	C63	4000120	6.8 pF ±0.25 pF 63V
C32	4010092	220 pF ±10% 250V	C64	4100014	150 pF ±10% 63V
C33	4100222	680 pF ±2.5% 63V	C65	4010104	220 pF ±10% 250V
C34	4010076	22 nF -20+100% 40V			

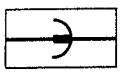


L1	8020284	Coil	L3	8020370	Coil 35 µH
L2	8020284	Coil	L4	8020284	Coil



X1	8090001	Crystal 4.43 MHz

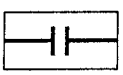
DL1	6240012	Delay line 64 µs



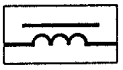
P5	7210196	Socket/housing 9/9 p	P41	7500113	Contact pin
P6	7500113	Contact pin		6271141	Wire
P7	7500113	Contact pin			

PCB40, 8003408 Stereo Decoder

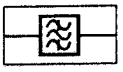
R4	5020580	56 Ω ±5% 1W	R27	5370052	100 Ω ±20% 0.1W
R10	5370050	1 kΩ ±20% 0.1W	R29	5020286	562 kΩ ±1% 1/4 W
R13	5020083	33.2 kΩ ±1% 1/4W	R33	5020272	226 kΩ ±1% 1/4W
R17	5370074	10 kΩ ±20% 0.1W	R34	5370052	100 Ω ±20% 0.1W
R18	5020132	43.2 kΩ ±1% 1/4W	R35	5020240	24.9 kΩ ±1% 1/4W
R22	5020148	22 Ω ±10% 1/4W	R39	5370061	47 kΩ ±20% 0.1W
R26	5020097	60.4 kΩ ±1% 1/4W			



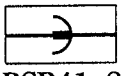
C1	4010107	22 nF -20+100% 40V	C19	4200483	47 µF ±20% 16V
C2	4010107	22 nF -20+100% 40V	C20	4200118	220 µF -10+100 10V
C3	4000139	100 pF ±5% 63V	C21	4130230	100 nF ±20% 63V
C4	4010068	22 nF -20+100% 40V	C22	4130258	10 nF ±5% 100V
C5	4010107	22 nF -20+100% 40V	C23	4130258	10 nF ±5% 100V
C6	4200431	10 µF ±20% 16V	C24	4130232	150 nF ±20% 63V
C7	4010107	22 nF -20+100% 40V	C25	4100033	3.3 nF ±5% 63V
C8	4200431	10 µF ±20% 16V	C26	4200515	4.7 nF ±20% 25V
C9	4101030	390 pF ±5% 63V	C27	4100033	3.3 nF ±5% 63V
C10	4000164	12 pF ±2% 63V	C28	4130258	100 nF ±5% 100V
C11	4101009	330 pF ±5% 63V	C29	4130258	100 nF ±5% 100V
C12	4200431	10 µF ±20% 16V	C30	4130232	150 nF ±20% 63V
C13	4100057	1.5 nF ±2.5% 63V	C31	4000139	100 pF ±5% 63V
C14	4200431	10 µF ±20% 16V	C32	4010120	1.5 nF ±10% 63V
C15	4130230	100 nF ±20% 63V	C33	4200483	47 µF ±20% 16V
C16	4000101	120 pF ±5% 63V	C34	4010107	22 nF -20+100% 40V
C17	4200431	10 µF ±20% 16V	C35	4200524	10 µF ±20% 25V
C18	4200431	10 µF ±20% 16V			



L1	8020368	Coil	L3	8022134	Coil 2.6 mH
L2	8020369	Coil	L4	8022135	Coil 2.6 mH



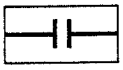
BP1	8030028	5.74 MHz ±75
BP2	8020029	5.74 MHz ±50



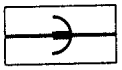
P57	7210157	Socket/housing 12/12 pol.

PCB41, 8003411 Stereo Pre Ampl.

R23	5011022	470 Ω ±5% 1/2W	R49	5011012	82 Ω ±5% 1/2W
R29	5020148	22 Ω ±10% 1/4W	R50	5020554	18 Ω ±10% 1/2W



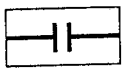
C1	4130230	100 nF ±20% 63V	C19	4130234	0.47 µF ±10% 63V
C3	4200515	4.7 µF ±20% 25V	C20	4200516	47 µF ±20% 16V
C4	4200515	4.7 µF ±20% 25V	C21	4200512	1 µF ±20% 50V
C5	4200516	47 µF ±20% 16V	C22	4130233	220 nF ±20% 63V
C6	4200512	1 µF ±20% 50V	C23	4130236	330 nF ±20% 63V
C7	4130265	10 nF ±10% 63V	C24	4200510	10 µF ±20% 16V
C8	4200510	10 µF ±20% 16V	C25	4130265	10 nF ±10% 63V
C9	4130236	330 nF ±20% 63V	C26	4200512	1 µF ±20% 50V
C10	4130233	220 nF ±20% 63V	C27	4200515	4.7 µF ±20% 25V
C11	4130233	220 nF ±20% 63V	C28	4200508	22 µF ±20% 25V
C12	4200517	2.2 µF ±20% 50V	C29	4200524	10 µF ±20% 25V
C13	4010103	2.2 nF ±10% 63V	C30	4010106	10 nF -20+80% 40V
C14	4130241	10 nF ±20% 63V	C31	4000137	47 pF ±5% 63V
C15	4130234	0.47 µF ±10% 63V	C32	4010106	10 nF -20+80% 40V
C16	4200517	2.2 µF ±20% 50V	C33	4000146	15 pF ±5% 63V
C17	4010103	2.2 nF ± 10% 63V	C34	4000146	15 pF ±5% 63V
C18	4130241	10 nF ±20% 63V			



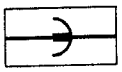
P58	7210110	Socket/housing 11/11 pol.		7220211	Plug 5/5 pol.
P77	7220160	Plug 5/4 pol.	P79	7220128	Plug 6/5 pol.
P78	7220160	Plug 5/4 pol.	P92	7220129	Plug 2/2 pol.

PCB42, 8003414 AF Ampl. Stereo

R1	5100321	1 Ω ±10% 2W	R17	5020542	22.1 kΩ ±1% 1/4W
R8	5020542	22.1 kΩ ±1% 1/4W	R18	5020236	20 kΩ ±1% 1/4W
R9	5020236	20 kΩ ±1% 1/4W			

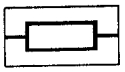


C1	4200552	2200 µF -10+50% 63V	C12	4000138	33 pF ±5% 63V
C2	4010103	2.2 nF ±10% 63V	C13	4130230	100 nF ±20% 63V
C3	4200524	10 µF ±20% 25V	C14	4200548	2200 µF-10+50% 25V
C4	4200508	22 µF ±20% 25V	C15	4010103	2.2 nF ±10% 63V
C5	4130230	100 nF ±20% 63V	C16	4010103	2.2 nF ±10% 63V
C6	4000138	33 pF ±5% 63V	C17	4130257	33 nF ±20% 63V
C7	4130230	100 nF ±20% 63V	C20	4130257	33 nF ±20% 63V
C8	4200548	2200µF -10+50%25V	C21	4010107	22 nF -20+100% 40V
C9	4200524	10 µF ±20% 25V	C22	4010105	1 nF ±10% 100V
C10	4200508	22 µF ±20% 25V	C23	4010105	1 nF ±10% 100V
C11	4130230	100 nF ±20% 63V			

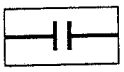


P81	7210161	Socket/housing 5/4 pol.
P84	7220129	Plug 2/2 pol.

PCB44, 8003418 Video in/out



R7	5011024	680 Ω ±5% 1/2W
R40	5011024	680 Ω ±5% 1/2W

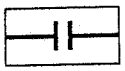


C1	4200118	220 µF-10+100%10V	C12	4200510	10 µF ±20% 16V
C2	4000057	47 pF ±5% 63V	C13	4200333	1 µF -10+50% 63V
C3	4010101	4.7 nF ±10% 63V	C14	4200512	1 µF ±20% 50V
C4	4200333	1 µF -10+50% 63V	C15	4200512	1 µF ±20% 50V
C5	4200016	22 µF -10+50% 25V	C16	4010107	22 nF -20+100% 40V
C6	4201060	100 µF-10+100%40V	C17	4200510	10 µF ±20% 16V
C8	4200511	100 µF ±20% 10V	C18	4200510	10 µF ±20% 16V
C9	4000136	22 pF ±5% 63V	C29	4010128	470 pF ±10% 63V
C10	4010101	4.7 nF ±10% 63V	C30	4010128	470 pF ±10% 63V
C11	4200510	10 µF ±20% 16V			

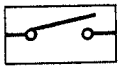
	7210387	Socket 6 pol. DIN

PCB45, 8003503 Video in-in/out

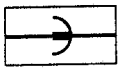
R1	5020472	887 Ω ±1% 1/4W
R24	5011024	680 Ω ±5% 1/2W
R25	5011024	680 Ω ±5% 1/2W



C1	4200129	100 µF -10+100% 16V	C14	4200431	10 µF ±20% 16V
C2	4003135	39 pF ±5% 63V	C15	4200426	1 µF ±20% 50V
C3	4010071	4.7 nF ±10% 63V	C16	4200342	10 µF -10+50% 63V
C4	4200333	1 µF -10+50% 63V	C17	4200342	10 µF -10+50% 63V
C5	4200016	22 µF -10+50% 25V	C18	4200431	10 µF ±20% 16V
C6	4200122	220 µF -10+100% 10V	C19	4200431	10 µF ±20% 16V
C7	4000097	100 pF ±5% 63V	C20	4200426	1 µF ±20% 50V
C8	4010071	4.7 nF ±10% 63V	C21	4200431	10 µF ±20% 16V
C9	4200122	220 µF -10+100% 10V	C22	4010076	22 nF -20+100% 40V
C10	4000097	100 pF ±5% 63V	C23	4010024	470 pF ±10% 100V
C11	4010071	4.7 nF ±10% 63V	C24	4200431	10 µF ±20% 16V
C12	4200129	100 µF -10+100% 16V	C25	4200431	10 µF ±20% 16V
C13	4200426	1 µF ±20% 50V	C26	4010024	470 pF ±10% 100V



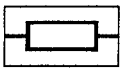
0S1	7400283	Switch



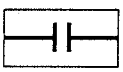
P74	6275517	Wire bundle
P75	6275519	Wire bundle

	7210387	Socket 6 pol. DIN

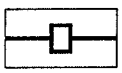
PCB46, 8003421 Control Unit for Power Supply



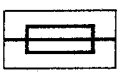
R5	5011034	2.2 kΩ ±5% 1/2W	R33	5020075	36.5 kΩ ±1% 1/4W
R6	5020465	220 Ω ±5% 3W	R34	5010770	4.7 MΩ ±10% 1/4W
R7	5011049	27 kΩ ±5% 1/2W	R35	5020130	150 kΩ ±1% 1/2W
R24	5020153	41.2 kΩ ±1% 1/4W	R36	5020376	15 kΩ ±5% 2W
R25	5010258	1 kΩ ±2% 1/2W	R39	5102009	0.47 Ω ±10% 1W
R26	5010751	680 Ω ±2% 1/4W	R40	5011059	150 kΩ ±5% 1/2W
R27	5010245	2.2 MΩ ±10% 1/4W	R42	5020527	2.7 Ω ±5% 1.3W
R32	5020150	7.32 kΩ ±1% 1/4W	R47	5011026	820 Ω ±5% 1/2W



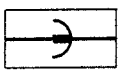
C1	4200275	470 µF -10+100% 40V	C21	4200275	470 µF -10+100% 40V
C2	4130032	470 nF ±20% 100V	C22	4200545	470 µF -20+50% 50V
C3	4010063	4.7 nF ±10% 63V	C23	4200399	100µF -10+50%n 200V
C4	4200016	22 µF -10+50% 25V	C24	4130163	680 nF ±10% 250V
C6	4010021	220 pF ±10% 100V	C25	4010041	10 nF -20+80% 40V
C7	4010065	2.7 nF ±10% 63V	C26	4200487	10 µF ±20% 50V
C8	4130082	220 nF ±20% 250V	C27	4010068	22 nF -20+100% 40V
C9	4100133	2.7 nF ±1% 63V	C29	4010021	220 pF ±10% 100V
C11	4010068	22 nF -20+100% 40V	C30	4010027	1 nF ±10% 100V
C12	4010024	470 pF ±10% 100V	C31	4010063	4.7 nF ±10% 63V
C13	4200414	33 µF -10+50% 16V	C32	4200322	4.7 µF -10+50% 63V
C15	4200322	4.7 µF -10+50% 63V	C33	4010068	22 nF -20+100% 40V
C17	4200423	2.2 µF ±20% 50V	C34	4010024	470 pF ±10% 100V
C20	4200275	470 µF -10+100% 40V			



FE1	8020332	Coil 16 µH
FE2	8020332	Coil 16 µH
FE3	8020259	Coil 300 µH



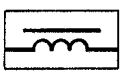
F1	6600015	Fuse 400 mAT
	7500002	Fuse holder



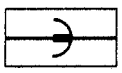
P22	7500113	Contact pin	P25	7500113	Contact pin
P23	7500113	Contact pin	P56	7500113	Contact pin
P24	7500113	Contact pin			

PCB47, 8003422 AF Ampl. Supply Stereo

C1	4200545	470 µF -20+50% 50V

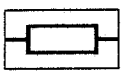


L1	8020325	Coil 10 µH

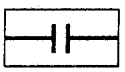


P56	7210394	Socket/housing 4/4 pol.
P85	7220214	Plug 3/3 pol.

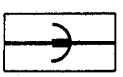
PCB48, 8003423 and 8003501 AF Distribution



R1	5210006	3.3 kΩ ±33%
R3	5020460	220 Ω ±5% 1W
R4	5020460	220 Ω ±5% 1W



C1	4010027	1 nF ±10% 100V	C4	4011022	4.7 nF -20+80% 40V
C2	4010027	1 nF ±10% 100V	C5	4011022	4.7 nF -20+80% 40V
C3	4011022	4.7 nF -20+80% 40V	C6	4011022	4.7 nF -20+80% 40V



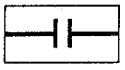
P80	7500113	Contact pin	P83	7500113	Contact pin
P82	7500113	Contact pin	P88	7210335	Socket 7/6 pol.
	7210386	Jack plug			
	7210383	Socket 2x5 pol. DIN			

PCB49, 8003424 Indicator Stereo

S1	7400255	Sound switch

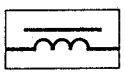
P79	6275525	Wire bundle

PCB55, 8003455 Remote/ Tuning

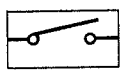


R23	5020155	1 kΩ ±5% 1.6W	R33	5370050	1 kΩ ±20% 0.1W
R25	5020629	18 Ω ±5% 0.3W	R34	5020477	47 Ω ±5% 0.35W
R28	5020599	270 Ω ±5% 1W	R74	5020598	560 Ω ±5% 1W
R30	5020602	82 Ω ±5% 0.35W	R91	5010258	1 kΩ ±2% 1/2W

C1	4010105	1 nF ±10% 100V	C25	4200512	1 µF ±20% 50V
C3	4130070	1 µF ±10% 50V	C26	4010107	22 nF -20+100% 40V
C4	4130232	150 nF ±20% 63V	C28	4010105	1 nF ±10% 100V
C5	4130233	220 nF ±20% 63V	C29	4130230	100 nF ±20% 63V
C6	4010103	2.2 nF ±10% 63V	C30	4200301	220 µF -10+100% 25V
C7	4200511	100 µF ±20% 10V	C31	4010106	10 nF -20+80% 40V
C9	4010105	1 nF ±10% 100V	C32	4200510	10 µF ±20% 16V
C10	4010105	1 nF ±10% 100V	C34	4010105	1 nF ±10% 100V
C11	4010105	1 nF ±10% 100V	C35	4010105	1 nF ±10% 100V
C12	4010106	10 nF -20+80% 40V	C36	4000144	10 pF ±2% 63V
C13	4010105	1 nF ±10% 100V	C37	4130230	100 nF ±20% 63V
C14	4010105	1 nF ±10% 100V	C38	4000167	18 pF ±5% 63V
C15	4200512	1 µF ±20% 50V	C39	4010105	1 nF ±10% 100V
C16	4130230	100 nF ±20% 63V	C40	4010105	1 nF ±10% 100V
C17	4200512	1 µF ±20% 50V	C41	4130230	100 nF ±20% 63V
C18	4000164	12 pF ±2% 63V	C42	4010105	1 nF ±10% 100V
C19	4000144	10 pF ±2% 63V	C44	4010107	22 nF -20+100% 40V
C20	4000169	6.8 pF ±0.25 pF 63V	C45	4010065	2.7 nF ±10% 63V
C21	4130230	100 nF ±20% 63V	C47	4010107	22 nF -20+100% 40V
C22	4130070	1 µF ±10% 50V	C49	4130255	22 nF ±5% 63V
C24	4130240	47 nF ±10% 63V	C50	4000023	150 pF ±5% 63V

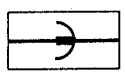


L1	8020342	Coil 10 µH
L2	8020465	Coil 2.4 MHz



S1	7220212	Switch

X1	8090026	Crystal 3 MHz



P8	7210109	Socket/housing 8/8 pol.	P89	7220128	Plug 6/5 pol.
P9	7210109	Socket/housing 8/8 pol.	P90	7220212	Plug 3/3 pol.
P11	7220160	Plug 5/4 pol.	P76	6275551	Wire bundle
P53	7220129	Plug 2/2 pol.	P91	6275552	Wire bundle
				7200057	Socket 40 pol. for IC1

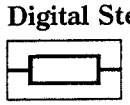
PCB56, 8003474 Analog Digital

R6	5370183	50 kΩ ±20% 0.15W	R9	5370219	22 kΩ ±20% 0.15W
R7	5370183	50 kΩ ±20% 0.15W	R10	5370219	22 kΩ ±20% 0.15W
R8	5370218	25 kΩ ±20% 0.15W	R11	5370219	22 kΩ ±20% 0.15W

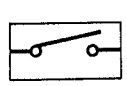
C1	4130264	68 nF ±10% 63V	C5	4010021	220 pF ±10% 100V
C2	4130213	10 nF ±10% 63V	C6	4200475	220 nF ±20% 50V
C3	4130213	10 nF ±10% 63V	C7	4200475	220 nF ±20% 50V
C4	4010027	1 nF ±10% 100V			

P13	6275542	Wire bundle	P89	6275544	Wire bundle
P14	6275542	Wire bundle		7500148	Contact spring

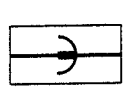
PCB57, 8003475 Analog Digital Stereo



R1	5370219	22 kΩ ±20% 0.15W	R5	5370183	47 kΩ ±20% 0.15W
R2	5370219	22 kΩ ±20% 0.15W	R6	5370183	47 kΩ ±20% 0.15W
R3	5370219	22 kΩ ±20% 0.15W	R7	5370183	47 kΩ ±20% 0.15W
R4	5370183	47 kΩ ±20% 0.15W			



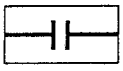
S1	7400256	Stereo/mono



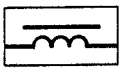
P13	6275098	Wire bundle	P89	6275098	Wire bundle
P78	6275098	Wire bundle		7500148	Contact spring
P80	6275098	Wire bundle			

PCB58, 8003462 Video IF

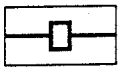
R1	5020449	1.5 Ω ±10% 1/4W	R82	5370074	10 kΩ ±20% 0.1W
R2	5020443	3.9 Ω ±5% 1W	R106	5020343	15.4 kΩ ±1% 1/4W
R4	5020543	22 Ω ±5% 2W	R107	5020114	11.0 kΩ ±1% 1/4W
R29	5020148	22 Ω ±10% 1/4W	R108	5370173	2.5 kΩ ±20% 0.1W
R31	5010726	4.7 kΩ ±2% 1/4W	R115	5370074	10 kΩ ±20% 0.1W
R35	5011037	3.3 kΩ ±5% 1/2W	R121	5020349	100 Ω ±5% 1.6W
R46	5020148	22 Ω ±10% 1/4W	R122	5020110	10.0 kΩ ±1% 1/4W
R50	5020580	56 Ω ±5% 1W	R125	5011037	3.3 kΩ ±5% 1/2W
R55	5370050	1 kΩ ±20% 0.1W	R130	5020638	180 Ω ±5% 2W
R62	5020083	33.2 kΩ ±1% 1/4W	R133	5010543	1.5 kΩ ±2% 1/4W
R71	5020148	22 Ω ±10% 1/4W	R134	5010758	1.8 kΩ ±2% 1/4W
R75	5020148	22 Ω ±10% 1/4W			



C1	4200524	10 µF ±20% 25V	C44	4200516	47 µF ±20% 16V
C2	4200508	22 µF ±20% 25V	C45	4010106	10 nF -20+80% 40V
C3	4200099	100 µF -10+100% 16V	C46	4010106	10 nF -20+80% 40V
C4	4200512	1 µF ±20% 50V	C48	4130236	330 nF ±20% 63V
C5	4200517	2.2 µF ±20% 50V	C49	4010103	2.2 nF ±10% 63V
C6	4200509	33 µF ±20% 25V	C50	4200517	2.2 µF ±20% 50V
C7	4200510	10 µF ±20% 16V	C51	4010120	1.5 nF ±10% 63V
C8	4200551	33 µF ±20% 16V	C52	4000139	100 pF ±5% 63V
C9	4200512	1 µF ±20% 50V	C53	4000158	47 pF ±2% 63V
C10	4200512	1 µF ±20% 50V	C54	4000150	68 pF ±5% 63V
C11	4200517	2.2 µF ±20% 50V	C55	4100097	680 pF ±5% 63V
C12	4010103	2.2 nF ±10% 63V	C56	4100097	680 pF ±5% 63V
C13	4200523	0.47 µF ±20% 50V	C57	4100057	1.5 nF ±2.5% 63V
C14	4010107	22 nF -20+100% 40V	C58	4000137	47 pF ±5% 63V
C15	4200508	22 µF ±20% 25V	C59	4000097	100 pF ±5% 63V
C16	4130230	100 nF ±20% 63V	C60	4000151	180 pF ±5% 63V
C17	4200516	47 µF ±20% 16V	C61	4000135	150 pF ±5% 63V
C18	4010106	10 nF -20+80% 40V	C62	4000091	68 pF ±2% 63V
C19	4010103	2.2 nF ±10% 63V	C63	4000155	56 pF ±5% 63V
C20	4010103	2.2 nF ±10% 63V	C64	4100073	470 pF ±5% 160V
C21	4000150	68 pF ±5% 63V	C65	4000097	100 pF ±5% 63V
C22	4130236	330 nF ±20% 63V	C66	4000097	100 pF ±5% 63V
C23	4010107	22 nF -20+100% 40V	C67	4000097	100 pF ±5% 63V
C24	4010107	22 nF -20+100% 40V	C68	4000081	18 pF ±5% 63V
C25	4010107	22 nF -20+100% 40V	C69	4200517	2.2 µF ±20% 50V
C26	4200510	10 µF ±20% 16V	C70	4200510	10 µF ±20% 16V
C27	4101009	330 pF ±5% 63V	C71	4000150	68 pF ±5% 63V
C28	4000164	12 pF ±2% 63V	C72	4130233	220 nF ±20% 63V
C29	4101030	390 pF ±5% 63V	C73	4200515	4.7 µF ±20% 25V
C30	4010107	22 nF -20+100% 40V	C74	4130241	10 nF ±20% 63V
C31	4010123	1 nF ±10% 250V	C75	4010110	270 pF ±10% 100V
C32	4200510	10 µF ±20% 16V	C76	4130241	10 nF ±20% 63V
C33	4200510	10 µF ±20% 16V	C77	4100197	10 nF ±2.5% 63V
C34	4000139	100 pF ±5% 63V	C78	4130230	100 nF ±20% 63V
C35	4100057	1.5 nF ±2.5% 63V	C79	4130233	220 nF ±20% 63V
C36	4000153	33 pF ±5% 63V	C80	4200395	470 µF -10+100% 16V
C37	4000166	3.9 pF ±0.25% 63V	C81	4010027	11 nF ±10% 100V
C38	4000167	18 pF ±5% 63V	C82	4000142	82 pF ±5% 63V
C39	4000102	27 pF ±5% 63V	C83	4200483	47 µF ±20% 16V
C40	4010103	2.2 nF ±10% 63V	C84	4000136	22 pF ±5% 63V
C41	4010103	2.2 nF ±10% 63V	C85	4010103	2.2 nF ±10% 63V
C42	4010103	2.2 nF ±10% 63V	C86	4010123	1 nF ±10% 250V
C43	4010103	2.2 nF ±10% 63V			

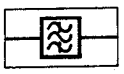


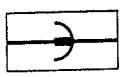
L1	8020292	Coil	L11	8020289	Coil
L2	8020421	Ferrite core	L12	6830057	Coil 15 µH
L3	8020369	Coil	L13	6830058	Coil 33 µH
L4	8020368	Coil	L14	6830058	Coil 33 µH
L5	8020290	Coil	L15	6830058	Coil 33 µH
L6	8020295	Coil	L16	6830058	Coil 33 µH
L7	8020420	Coil	L17	6830057	Coil 15 µH
L8	8020291	Coil	L18	8020284	Coil
L9	8020408	Coil	L19	8020328	Coil
L10	8020288	Coil	L20	8020037	Coil 15 µH/22 kΩ



FE1	8020293	Coil 4 µH
FE2	8020421	Ferrite core

TU1	8050416	Tuner UHF-VHF





BP1	8030021	SFE 5.5 MB
BP2	8030026	SFE 5.5 MC

SWF1	8030027	Filter 38.9/33.4 MHz

P1	7210196	Socket/housing 9/9 pol.	P58	7500113	Contact pin
	7210247	Socket/housing 13/13 pol.	P59	7220166	Plug 3/3 pol.
P42	7500113	Contact pin	P74	7220247	Plug 7/7 pol.
P47	7500113	Contact pin	P75	7220201	Plug 4/4 pol.
P57	7500113	Contact pin	P76	7500113	Contact pin
			P91	7500113	Contact pin

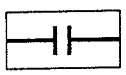
	8003405	Video detector unit
	8003371	PCB Y-delay

PCB58, 8003483 Video IF (FTZ - S-tuner)

TU1	8050042	Tuner UHF-VHF

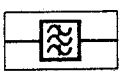
Parts lists for the remaining components, please see PCB58, 8003462 Video IF

PCB58, 8003466 Video IF (GB)



C36	4000108	39 pF ±2% 63V
C39	4003130	47 pF ±2% 63V

TU1	8050419	Tuner UHF



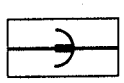
BP1	8030033	Filter 6 MHz

SWF1	8030032	Filter 39.5/33.5 MHz

Parts lists for the remaining components, please see PCB58, 8003462 Video IF

PCB60, 8003472 Mother Board Digital

C1	4010037	390 pF ±10% 100V
C2	4010037	390 pF ±10% 100V



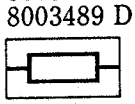
P1	7500142	Contact pin	P9	7500142	Contact pin
P5	7500142	Contact pin	P13	7500142	Contact pin
P8	7500142	Contact pin		6275401	Main bundle of wires

PCB61, 8003473 Mother Board Digital Stereo

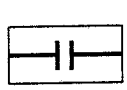
P1	7500142	Contact pin	P9	7500142	Contact pin
P5	7500142	Contact pin	P13	7500142	Contact pin
P8	7500142	Contact pin		6275528	Main bundle of wires

PCB65, Teletext Decoder

8003488 S character
8003494 GB character
8003489 D character

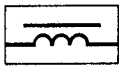


R6	5370074	10 kΩ ±20% 0.1W	R63	5370058	4.7 kΩ ±20% 0.1W
R19	5011010	56 Ω ±5% 1/2W	R66	5020351	18 Ω ±5% 0.75W
R21	5011012	82 Ω ±1/2W	R69	5020146	2.2 Ω ±10% 1.3W
R33	5370006	2.2 kΩ ±20% 0.1W	R70	5370050	1 kΩ ±20% 0.1W
R40	5370006	2.2 kΩ ±20% 0.1W	R74	5011010	56 Ω ±5% 1/2W
R41	5370006	2.2 kΩ ±20% 0.1W	R76	5011010	56 Ω ±5% 1/2W
R42	5370006	2.2 kΩ ±20% 0.1W	R78	5011010	56 Ω ±5% 1/2W

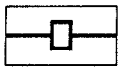


C1	4200333	1 µF -10+50% 63V	C12	4200342	10 µF -10+50% 63V
C2	4010027	1 nF ±10% 100V	C13	4000109	56 pF ±2% 63V
C3	4200342	10 µF -10+50% 63V	C14	4200333	1 µF -10+50% 63V
C4	4000093	330 pF ±2% 63V	C15	4100058	3.3 nF ±2.5% 63V
C5	4130107	100 nF ±10% 250V	C16	4200333	1 µF -10+50% 63V
C6	4003130	47 pF ±2% 63V	C17	4130107	100 nF ±10% 250V
C7	4010027	1 nF ±10% 100V	C18	4200462	100 µF -10+50% 25V
C8	4010041	10 nF -20+80% 40V	C19	4010027	1 nF ±10% 100V
C9	4340003	5.5-65 pF	C20	4010027	1 nF ±10% 100V
C10	4130107	100 nF ±10% 250V	C21	4010027	1 nF ±10% 100V
C11	4000091	68 pF ±2% 63V	C22	4130107	100 nF ±10% 250V

C23	4130107	100 nF ±10% 250V	C29	4130107	100 nF ±10% 250V
C24	4130107	100 nF ±10% 250V	C30	4130107	100 nF ±10% 250V
C25	4130107	100 nF ±10% 250V	C32	4010041	10 nF -20+80% 40V
C26	4130107	100 nF ±10% 250V	C33	4200396	220 µF 16V
C27	4130107	100 nF ±10% 250V	C40	4010027	1 nF ±10% 100V
C28	4130107	100 nF ±10% 250V	C42	4200111	1000 µF 10V

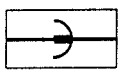


L2	8020088	Coil 10 µH/1 MΩ	L3	8020449	Coil 9 µH



FE1	8020333	Coil 7 µH	FE5	8020118	Coil 21 µH
FE2	8020118	Coil 21 µH	FE6	8020118	Coil 21 µH
FE3	8020118	Coil 21 µH	FE7	8020118	Coil 21 µH
FE4	8020118	Coil 21 µH	FE8	8020118	Coil 21 µH

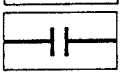
X1	8090009	Crystal 6 MHz			



P38	7220129	Plug 2/2 pol.	P52	6275555	Wire bundle
P97	7220116	Plug 8/7 pol.	P90	6275555	Wire bundle
P6	6275555	Wire bundle		7200056	Socket 28 pol. for IC10
P47	6275555	Wire bundle			

PCB67, 8003502 NTSC 4.43 MHz Unit (Aut.)

R4	5020605	976 kΩ ±1% 1/4W	R8	5011078	4.7 MΩ ±5% 1/2W
R5	5020263	100 kΩ ±1% 1/4W	R11	5300124	4.7 kΩ 0.15W
R6	5020263	100 kΩ ±1% 1/4W	R12	5370196	22 kΩ ±20% 0.1W

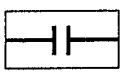


C1	4100048	27 nF ±1% 63V	C3	4130224	100 nF ±10% 63V
C2	4130224	100 nF ±10% 63V	C4	4010103	2.2 nF ±10% 63V

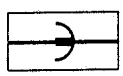
	6275476	Wire bundle

PCB68, 8003510 Video in/out 21 pins

R8	5011024	680 Ω ±5% 1/2W	R9	5011024	680 Ω ±5% 1/2W



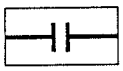
C1	4200129	100 µF -10+100% 16V	C11	4200510	10 µF ±20% 16V
C2	4200525	22 µF ±20% 10V	C12	4130233	220 nF ±20% 63V
C3	4200512	1 µF ±20% 50V	C13	4200342	10 µF -10+50% 63V
C4	4200525	22 µF ±20% 10V	C14	4200510	10 µF ±20% 16V
C5	4200147	220 µF -20+50% 10V	C15	4200342	10 µF -10+50% 63V
C6	4010107	22 nF -20+100% 40V	C16	4200510	10 µF ±20% 16V
C9	4010101	4.7 nF ±10% 63V	C17	4200510	10 µF ±20% 16V
C10	4010101	4.7 nF ±10% 63V	C18	4130233	220 nF ±20% 63V



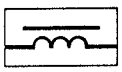
P74	6275517	Wire bundle	7210437	Socket 21 pins
P75	6275228	Wire bundle	3124095	Bracket
P6/P97	6275472	Wire bundle	2015200	Screw 3.5 x 6.5 mm

PCB70, 8003513 Pal Decoder

R25	5020135	12 Ω ±10% 1/4W	R44	5370208	100 Ω ±20% 0.1W
R31	5370128	100 kΩ ±20% 0.1W	R55	5370128	100 kΩ ±20% 0.1W
R36	5370059	220 Ω ±20% 0.1W	R67	5370049	1 MΩ ±20% 0.1W
R42	5370128	100 kΩ ±20% 0.1W	R75	5370059	220 Ω ±20% 0.1W



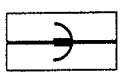
C1	4200380	1 µF -10+50% 63V	C28	4200285	0.47 µF -10+50% 63V
C2	4200285	0.47 µF -10+50% 63V	C29	4010086	1 nF ±20% 250V
C3	4200342	10 µF -10+50% 63V	C30	4200476	0.47 µF ±20% 50V
C4	4010076	22 nF -20+100% 40V	C35	4000081	18 pF ±5% 63V
C5	4010076	22 nF -20+100% 40V	C37	4200476	0.47 µF ±20% 50V
C7	4130104	220 nF ±20% 100V	C38	4200476	0.47 µF ±20% 50V
C8	4130103	100 nF ±20% 250V	C39	4000115	47 pF ±10% 250V
C9	4130103	100 nF ±20% 250V	C40	4010092	220 pF ±10% 250V
C10	4130103	100 nF ±20% 250V	C41	4010137	390 pF ±10% 63V
C11	4200476	0.47 µF ±20% 50V	C42	4000115	47 pF ±10% 250V
C12	4200342	10 µF -10+50% 63V	C43	4010092	220 pF ±10% 250V
C13	4200342	10 µF -10+50% 63V	C44	4010137	390 pF ±10% 63V
C14	4010092	220 pF ±10% 250V	C45	4200342	10 µF -10+50% 63V
C16	4000115	47 pF ±10% 250V	C57	4010105	1 nF ±10% 100V
C17	4010092	220 pF ±10% 250V	C58	4010086	1 nF ±20% 250V
C18	4010137	390 pF ±10% 63V	C59	4200516	47 µF ±20% 16V
C19	4010086	1 nF ±20% 250V	C60	4130110	33 nF ±20% 250V
C20	4200285	0.47 µF -10+50% 63V	C61	4130103	100 nF ±20% 250V
C21	4010086	1 nF ±20% 250V	C62	4010086	1 nF ±20% 250V
C22	4200380	1 µF -10+50% 63V	C64	4100014	150 pF ±10% 63V
C23	4010086	1 nF ±20% 250V	C65	4010104	220 pF ±10% 250V
C25	4010086	1 nF ±20% 250V			



L1	8020284	Coil	L2	8020284	Coil

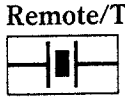
X1	8090001	Crystal 4.43 MHz

DL1	6240012	Delay line 64 µs



P5	7210196	Socket/housing 9/9 pol.	P7	7500113	Contact pin
P6	7500113	Contact pin	P41	7500113	Contact pin

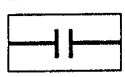
PCB71, 8003519 Remote/Tuning



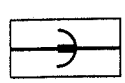
X1	8090000	Crystal 4 MHz	Other parts as PCB55		

PCB72, 8003525 Video in-in/out 21 pins

R24	5011024	680 Ω ±5% 1/2W	R34	5011024	680 Ω ±5% 1/2W
R25	5011024	680 Ω ±5% 1/2W	R100	5011024	680 Ω ±5% 1/2W
R33	5011024	680 Ω ±5% 1/2W			

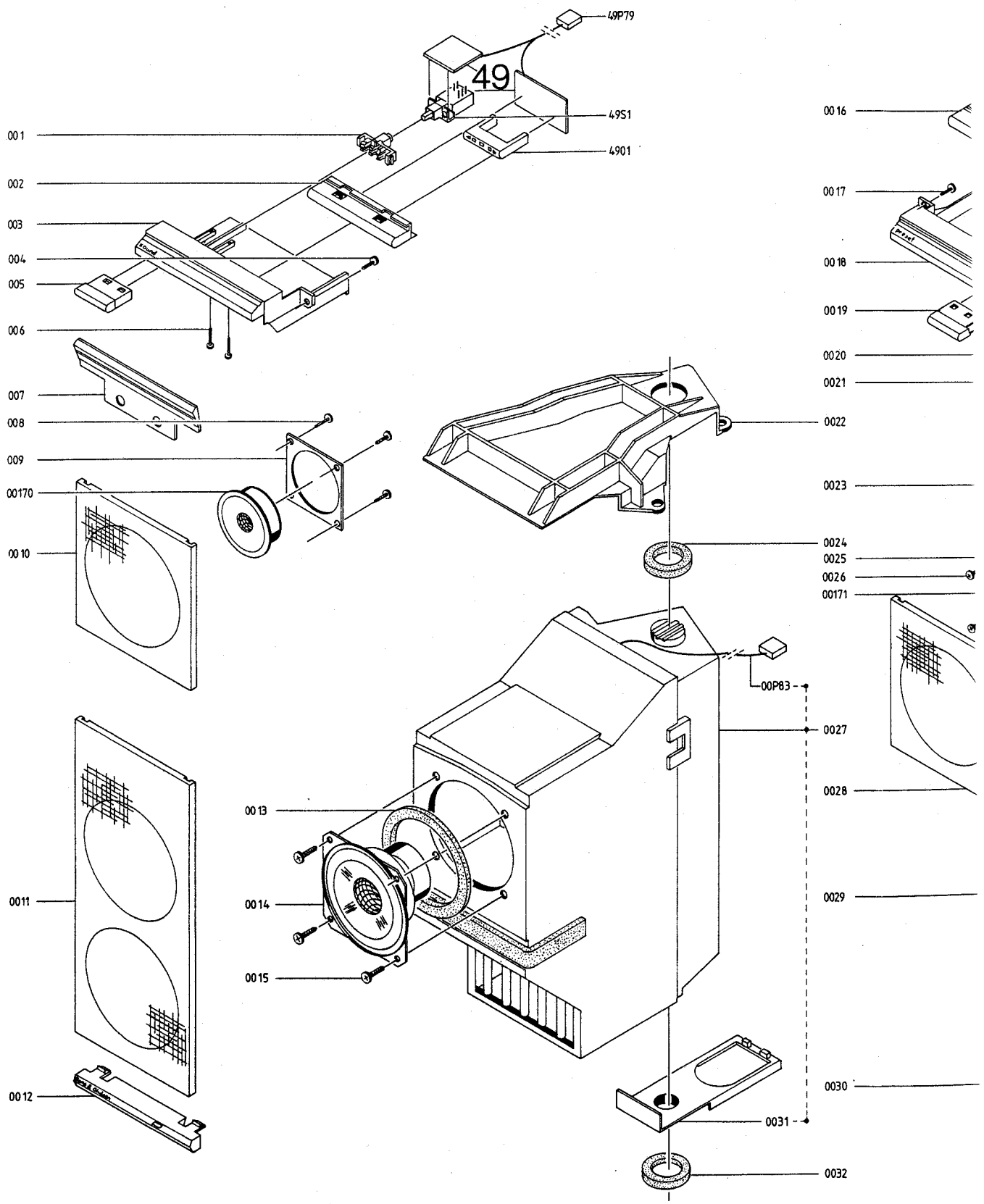


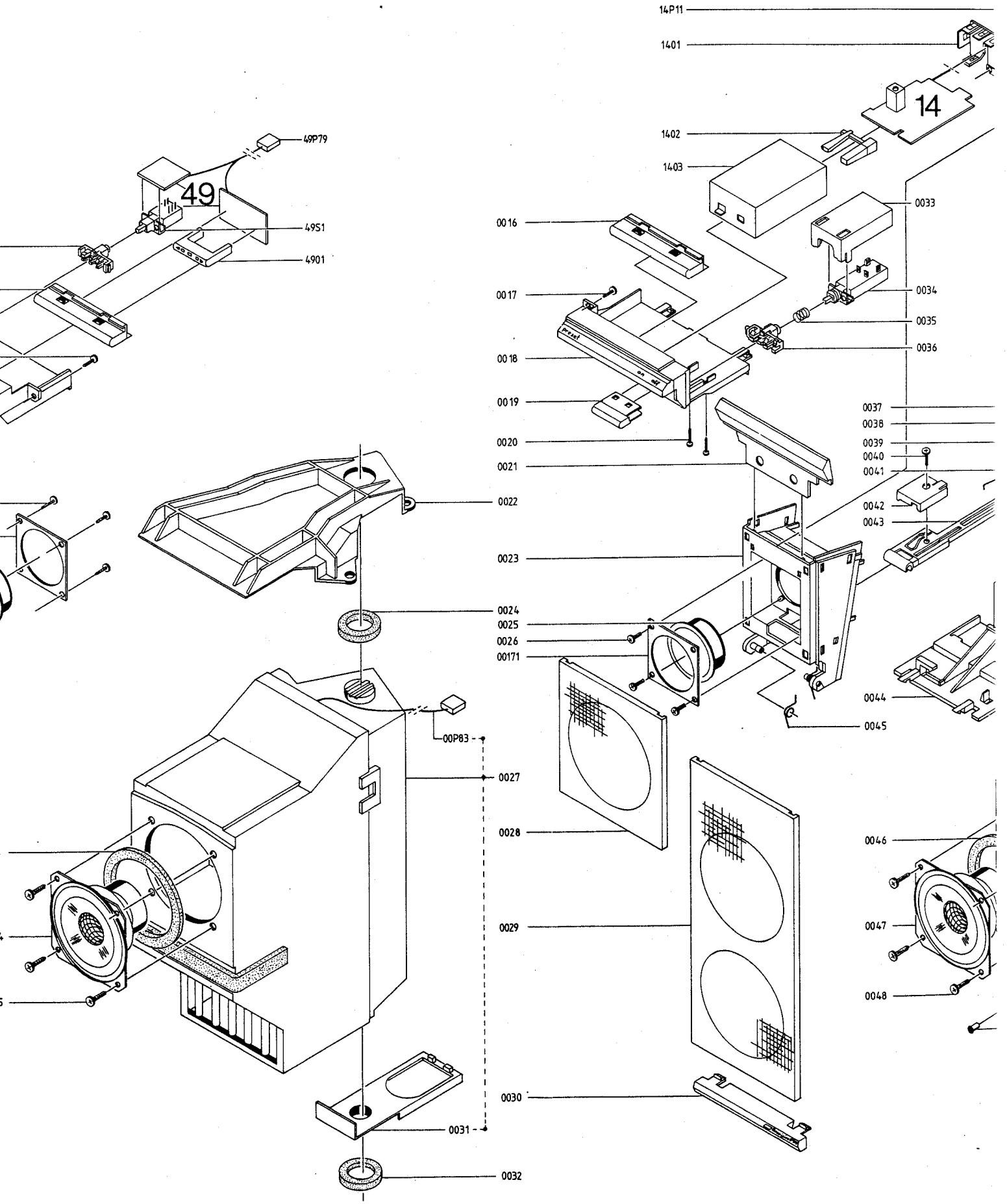
C1	4200129	100 µF -10+100% 16V	C16	4200431	10 µF ±20% 16V
C2	4000185	22 pF ±5% 63V	C17	4200431	10 µF ±20% 16V
C3	4010063	4.7 nF ±10% 63V	C18	4200431	10 µF ±20% 16V
C4	4200426	1 µF ±20% 50V	C19	4200431	10 µF ±20% 16V
C5	4200480	22 µF ±20% 10V	C20	4130215	220 nF ±20% 63V
C6	4200147	220 µF 10V	C21	4200431	10 µF ±20% 16V
C7	4000197	68 pF ±5% 63V	C22	4010076	22 nF -20+100% 40V
C8	4010063	4.7 nF ±10% 63V	C23	4010024	470 pF ±10% 63V
C9	4200147	220 µF 10V	C24	4200431	10 µF ±20% 16V
C10	4000069	100 pF ±5% 63V	C25	4200431	10 µF ±20% 16V
C11	4010063	4.7 nF ±10% 63V	C26	4010024	470 pF ±10% 63V
C12	4200129	100 µF -10+100% 16V	C27	4200431	10 µF ±20% 16V
C13	4200426	1 µF ±20% 50V	C28	4200431	10 µF ±20% 16V
C14	4200431	10 µF ±20% 16V	C29	4200431	10 µF ±20% 16V
C15	4130215	220 nF ±20% 63V	C30	4200480	22 µF ±20% 10V

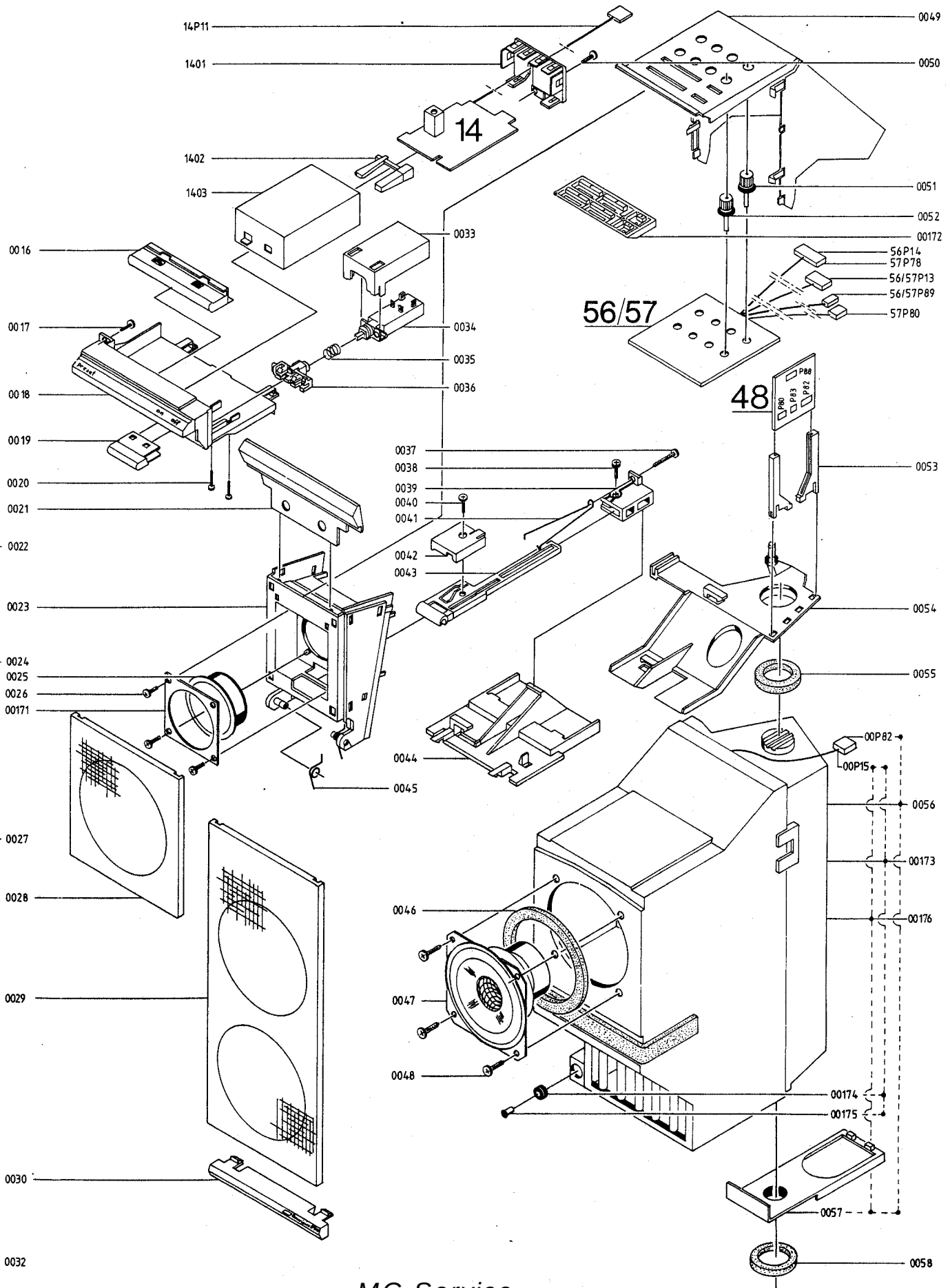


P74	6275517	Wire bundle		3124094	Bracket f/socket 6 pol.
P75	6275228	Wire bundle			
P6/P97	6275472	Wire bundle		3124095	Bracket f/socket 21 pol.
P99	7220131	Plug 4/3 pol.			
P100	7220213	Plug 2/2 pol.		2015200	Screw 3.5 x 6.5 mm
	7210387	Socket 6 pol.			
	7210437	Socket 21 pol.			
	7400200	Switch			

MECHANICAL PARTS LIST




14P11
1401
14
1402
1403
0033
0016
0034
0017
0035
0036
0018
0019
0037
0038
0039
0020
0040
0021
0041
0042
0022
0043
0023
0024
0025
0026
00171
0044
0045
00P83
0027
0028
0046
0029
0047
0048
0030
0031
0032
49P79
49
49S1
4901


14P11
1401
1402
1403
14
0049
0050
0051
0052
00172
56P14
57P78
56/57P13
56/57P89
57P80
56/57
48
P88
P80
P83
P82
0033
0034
0035
0036
0016
0017
0018
0019
0020
0021
0022
0023
0024
0025
0026
00171
0027
0028
0029
0030
0032
0037
0038
0039
0040
0041
0042
0043
0044
0045
0053
0054
0055
00P82
00P15
0056
00173
00176
0046
0047
0048
00174
00175
0057
0058

MC-Service

Operating chassis for Beovision 8902

001	2854066	Arm	0033	3164382	Cover f/mains switch
002	3450399	Cover	0034	7450048	Mains switch
003	3131215	Bracket		6271102	Mains lead with Euro plug
004	2015913	Screw 3.5x9.5 mm			
005	2775656	Button		6271124	Mains lead for power supply
006	2013067	Screw 2.9x13 mm			
007	2775910	Cover	0035	2818056	Spring
008	2013067	Screw 2.9x13 mm	0036	2854066	Arm
009	2641044	Mounting	0037	2015210	Screw 3.5x13 mm
0010	3440068	Loudspeaker panel (upper)	0038	2013080	Screw 2.8x9.5 mm
			0039	3015088	Guide f/operating box
0011	3440069	Loudspeaker panel (lower)	0040	2013080	Screw 2.8x9.5 mm
			0041	2854092	Spring for labyrinth
0012	3168380	Cover	0042	3152268	Holder f/spring f/labyrinth
0013	3340034	Gasket			
0014	8480162	Bass speaker 8Ω	0043	3152266	Arm f/operating box
0015	2015210	Screw 3.5x13 mm	0044	3152278	Bracket
0016	3450399	Cover	0045	2819190	Spring
0017	2015210	Screw 3.5x13 mm	0046	3340034	Gasket
0018	3131232	Bracket	0047	8480162	Bass speaker 8Ω
0019	2775656	Button	0048	2015210	Screw 3.5x13 mm
0020	2039030	Screw AM3x10	0049	3164484	Cover
0021	2775910	Cover	0050	2013095	Screw 2.9x9.5 mm
0022	3152344	Bracket	0051	2770227	Button mono/stereo
0023	3131168	Housing f/operating box	0052	2770222	Button
0024	2938158	Rubber bushing	0053	3152254	Holder
0025	8480060	Treble speaker 8Ω	0054	3030046	Bracket
0026	2013067	Screw 2.9x13 mm	0055	2938158	Rubber bushing
0027	3430001	Loudspeaker cabinet	0056	3430000	Loudspeaker cabinet
0028	3440068	Loudspeaker panel (upper)	0057	3152315	Bracket
			0058	2938158	Rubber bushing
0029	3440069	Loudspeaker panel (lower)	00170	8480060	Treble speaker 8Ω
			00171	2641044	Mounting
0030	3168381	Cover	00172	2775933	Set of buttons, digital
0031	3152315	Bracket	00P82	6275526	Wire bundle
0032	2938158	Rubber bushing	00P83	6275527	Wire bundle

14Modul	8003258	PCB14, Infra red ampl.	1403	3304097	Screen
1401	3302294	Screen	14P11	6275403	Wire bundle
1402	3375037	Lense			

48Modul	8003423	PCB48, AF distribution

49Modul	8003424	PCB49,Indicator stereo	49S1	7400255	Switch
4901	3152345	Holder	49P79	6275525	Wire bundle

57Modul	8003475	PCB57, Analog reg. stereo	57P78	6275098	Wire bundle
			57P80	6275098	Wire bundle
57P13	6275098	Wire bundle	57P89	6275098	Wire bundle

Operating chassis for Beovision 7802

002	3450407	Cover	0022	3152379	Bracket
003	3131216	Bracket	0027	3430260	Loudspeaker cabinet
007	2775916	Cover	0028	3440070	Loudspeaker panel (upper)
0010	3440070	Loudspeaker panel (upper)	0029	3440071	Loudspeaker panel (lower)
0011	3440071	Loudspeaker panel (lower)	0030	3168355	Cover
0012	3168354	Cover	0046	3340047	Gasket
0013	3340047	Gasket	0047	8480164	Bass speaker 8Ω
0014	8480164	Bass speaker 8Ω	0054	3152347	Bracket
0016	3450407	Cover		2015210	Screw 3.5x13 mm
0018	3131233	Bracket	0056	3430259	Loudspeaker cabinet
0021	2775916	Cover			

Other parts identical to operating chassis for Beovision 8902

Operating chassis for Beovision 8802

0016	3450399	Cover	0038	2013080	Screw 2.8x9.5 mm
0017	2015210	Screw 3.5x13 mm	0039	3015088	Guide f/operating box
0018	3131232	Bracket	0040	2013080	Screw 2.8x9.5 mm
0019	2775656	Button	0041	2854092	Spring for labyrinth
0020	2039030	Screw AM3x10	0042	3152268	Holder f/labyrinth spring
0021	2775910	Cover			
0023	3131168	Housing f/operating box	0043	3152266	Arm f/operating box
0025	8480059	Treble speaker 4Ω	0044	3152278	Bracket
0026	2013067	Screw 2.9x13 mm	0045	2819190	Spring
0028	3440068	Loudspeaker panel (upper)	0046	3340034	Gasket
			0047	8480166	Bass speaker 4Ω
0029	3440069	Loudspeaker panel (lower)	0048	2015210	Screw 3.5x13 mm
			0049	3164506	Cover
0030	3168382	Cover	0050	2013095	Screw 2.9x9.5 mm
0033	3164382	Cover for mains switch	0052	2770222	Button
0034	7450048	Mains switch	0054	3030046	Bracket
	6271102	Mains lead with Euro plug	0055	2938158	Rubber bushing
			00171	2641044	Mounting
	6271124	Mains lead for power supply	00172	2775933	Set of buttons, digital
			00173	3430231	Loudspeaker cabinet
0035	2818056	Spring	00174	2938095	Rubber bushing
0036	2854066	Arm	00175	2365115	Rivet
0037	2015210	Screw 3.5x13 mm	00P15	6273842	Wire bundle

14Modul	8003258	PCB14, Infra red ampl.	1403	3304097	Screen
1401	3302294	Screen	14P11	6275403	Wire bundle
1402	3375037	Lense			

56Modul	8003474	PCB56, Analog	56P14	6275542	Wire bundle
56P13	6275542	Wire bundle	56P89	6275544	Wire bundle

Operating chassis for Beovision 7702

0016	3450407	Cover	0030	3168384	Cover
0018	3131233	Bracket	0047	8480172	Bass speaker 4Ω
0021	2775916	Cover	0054	3030053	Bracket
0025	8480060	Treble speaker 8Ω	0058	2938158	Rubber bushing
0028	3440070	Loudspeaker panel (upper)	00173	3430242	Loudspeaker cabinet
0029	3440071	Loudspeaker panel (lower)			

Other parts identical to operating chassis for Beovision 8802

Operating chassis for Beovision 5502

0016	3450407	Cover	0030	3168385	Cover
0018	3131233	Bracket	0047	8480172	Bass speaker 4Ω
0021	2775916	Cover	0054	3030058	Bracket
0025	8480060	Treble speaker 8Ω	0058	2938158	Rubber bushing
0028	3440070	Loudspeaker panel (upper)	00173	3430242	Loudspeaker cabinet
0029	3440000	Loudspeaker panel (lower)			

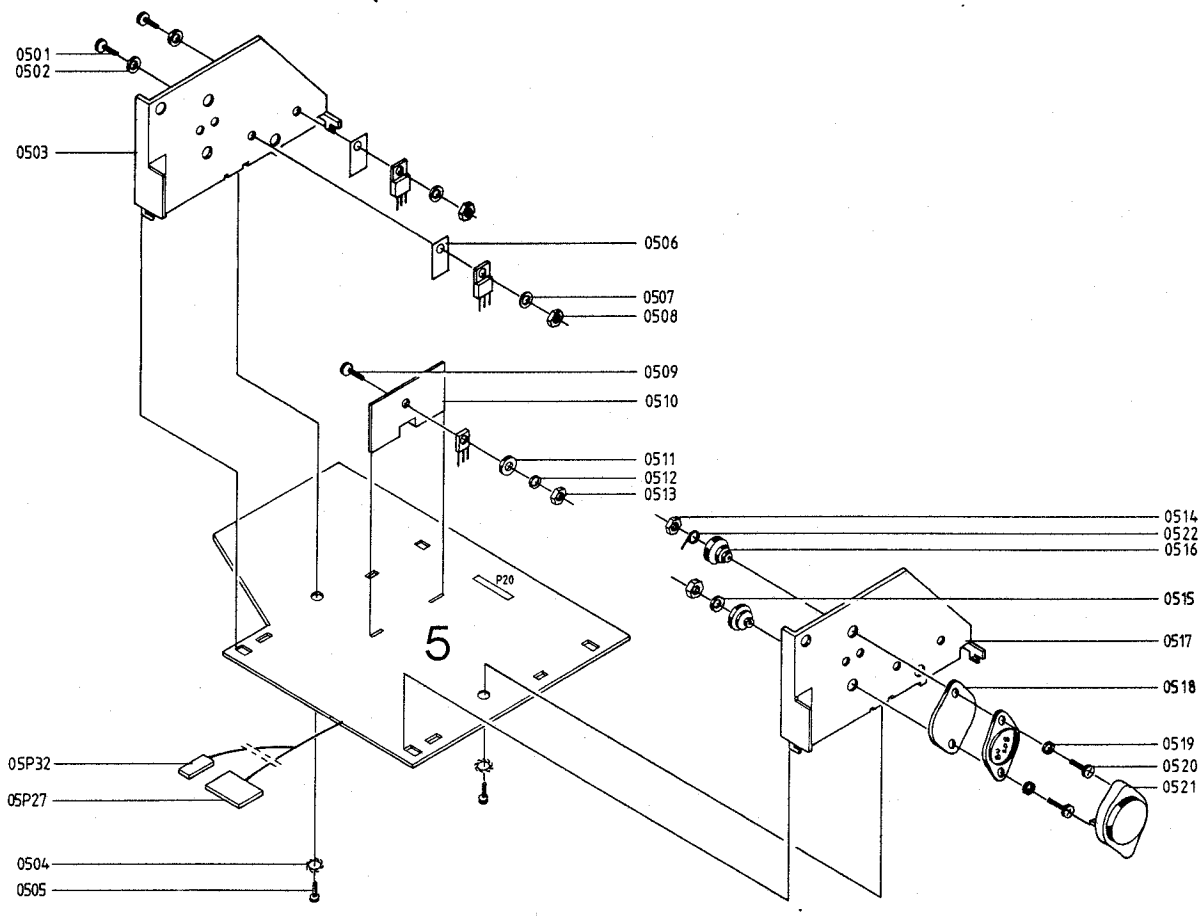
Other parts identical to operating chassis for Beovision 8802

Operating chassis for Beovision 9002

0018	3152000	Bracket	0030	3168383	Cover
0021	2775663	Cover	0054	3152318	Bracket
0028	3440038	Loudspeaker panel (upper)		2015210	Screw 3.5x13 mm
			0057	3152315	Bracket
0029	3440037	Loudspeaker panel (lower)	0058	2938158	Rubber bushing
			00176	3430060	Loudspeaker cabinet

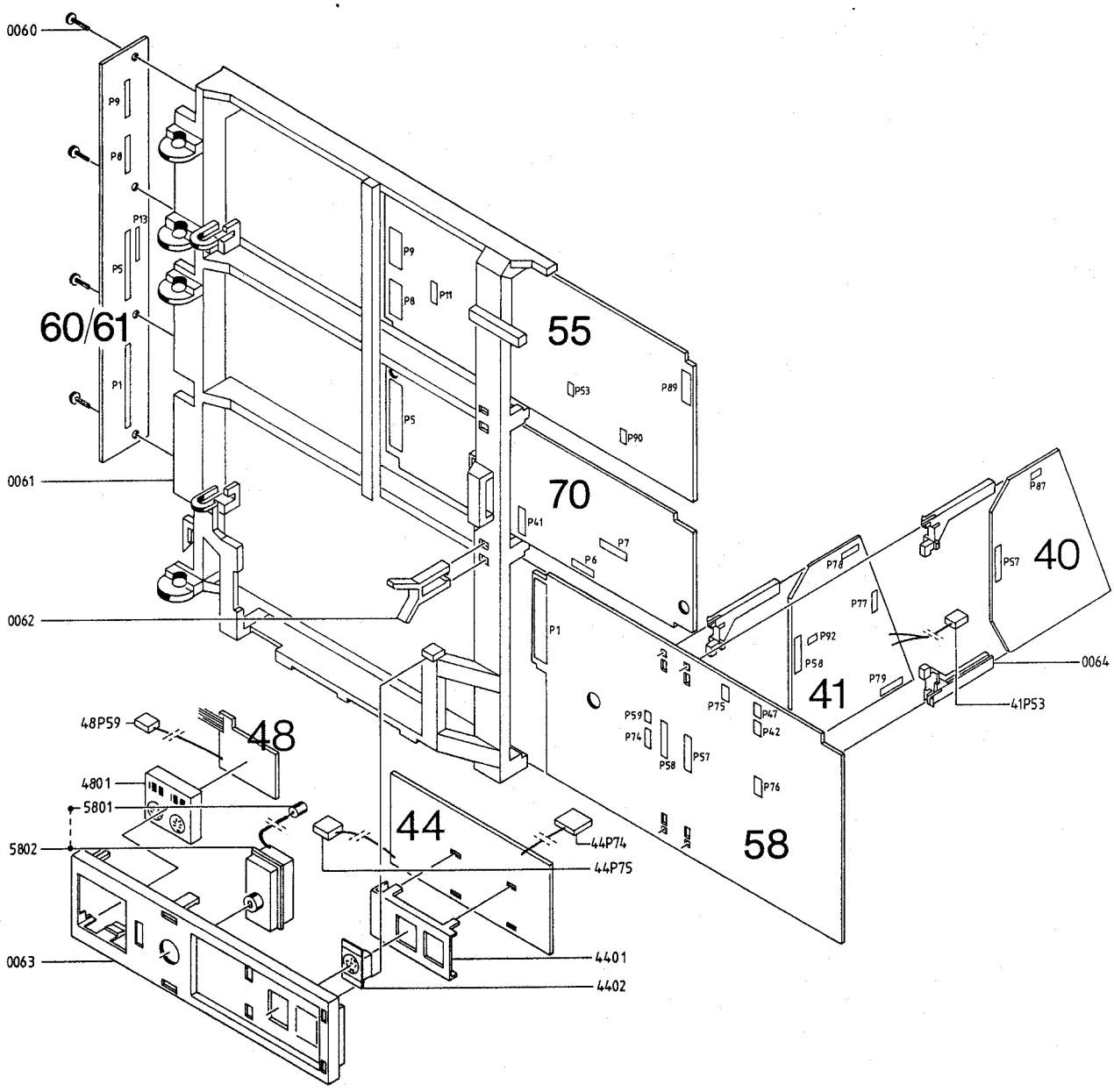
Other parts identical to operating chassis for Beovision 8802

Deflection unit



05Modul	8003253	PCB5, Deflection unit	0513	2380011	Nut M3
0501	2039908	Screw AM3x10	0514	2380011	Nut M3
0502	2624057	Washer	0515	2624057	Washer
0503	3358152	Heat sink	0516	2938094	Insulating bushing
0504	2625002	Tooth lock washer	0517	3358131	Heat sink
0505	2013079	Screw 2.9x9.5 mm	0518	3170125	Mica sheet
0506	2622248	Mica sheet	0519	2624057	Washer
0507	2938140	Insulating bushing	0520	2039905	Screw AM3x12
0508	2380011	Nut M3	0521	3164147	Cover
0509	2039908	Screw AM3x10	0522	7530005	Soldering tag
0510	3358083	Heat sink	05P27	6275411	Wire bundle
0511	2623018	Fibre washer	05P32	6275411	Wire bundle
0512	2624057	Washer		7500114	Contact pin

Main chassis



0060	2015913	Screw 3.5x9.5 mm	0064	3152254	Holder
0061	3114137	Main chassis frame		6271188	Short circuit clamp for P57 Beovision 5502, 7702, 8802 and 9002
0062	2391051	Locking piece			
0063	3168197	Aerial panel for Beovision 7802 and 8902			
	3168215	Aerial panel for Beovision 5502, 7702, 8802 and 9002			

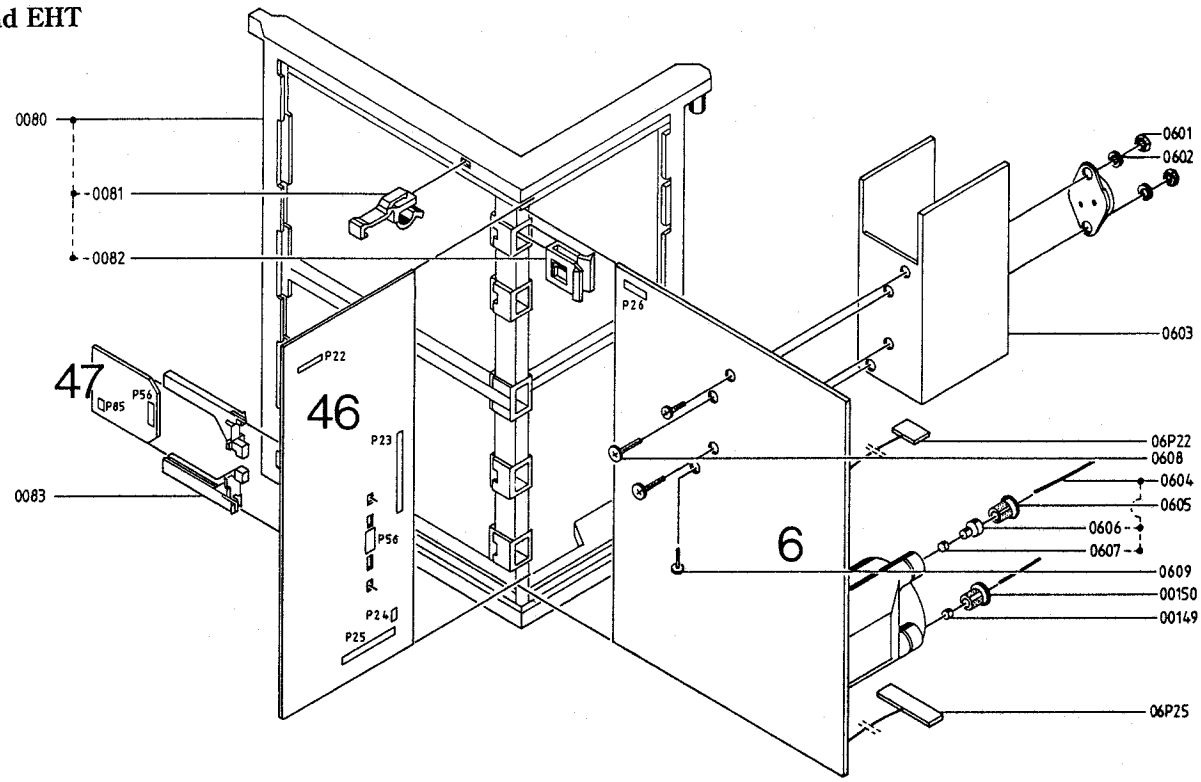
40Modul	8003408	PCB40, Stereo decoder

41Modul	8003411	PCB41, Stereo pre ampl.
41P53	6275524	Wire bundle

44Modul	8003418	PCB44, Video in/out
4401	3124088	Bracket
4402	7210387	Socket
44P74	6275517	Wire bundle
44P75	6275519	Wire bundle

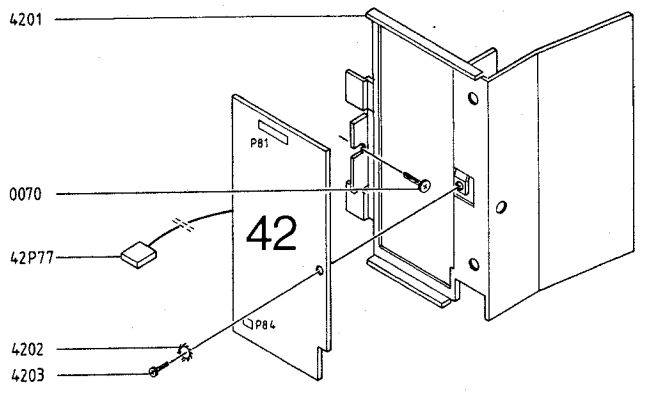
48Modul	8003501	PCB48, AF distribution	48P59	6275553	Wire bundle
4801	7210383	Socket			
55Modul	8003455	PCB55, Remote/tuning			
58Modul	8003462	PCB58, Video IF	5801	2938187	Bushing
	8003466	PCB58, Video IF (GB)	5802	7210393	Aerial socket
	8003483	PCB58, Video IF (FTZ-S-tuner)			
60Modul	8003472	PCB60, Mother board f/Beovision 5502, 7702, 8802 and 9002			
61Modul	8003473	PCB61, Mother board f/Beovision 7802, 8902			
70Modul	8003513	PCB70, Pal decoder			

Chassis for power supply and EHT



0080	3114138	Chassis frame	0083	3152254	Holder
0081	3152269	Clamp	00149	7500144	Contact bushing
0082	3152265	Holder	00150	2391053	Locking piece
06Modul	8003250	PCB6, Power supply	0606	2938164	Guide
0601	2380016	Nut M4	0607	7500144	Contact bushing
0602	2624037	Washer	0608	2043018	Screw AM4x12
0603	3358136	Heat sink	0609	2015909	Screw 3.5x6.5 mm
0604	6271126	Focus lead	06P22	6273833	Wire bundle
0605	2391053	Locking piece	06P25	6273882	Wire bundle
46Modul	8003421	PCB46, Control unit for power supply			
47Modul	8003422	PCB47, AF ampl. supply stereo			

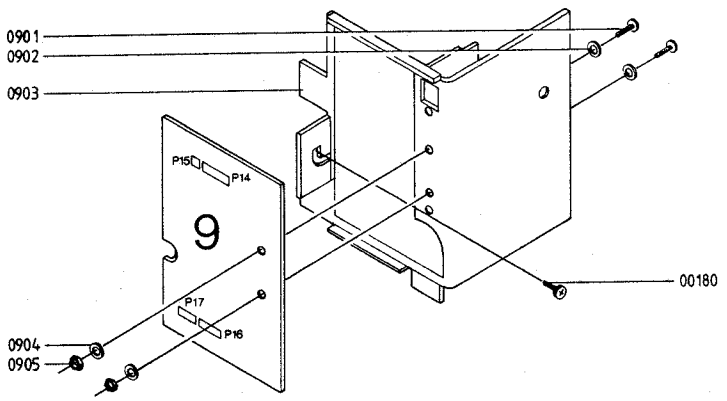
AF amplifier for Beovision 7802 and 8902



0070	2015913	Screw 3.5x9.5 mm

42Modul	8003414	PCB42, AF ampl. stereo
4201	3358084	Heat sink
4202	2625002	Tooth lock washer
4203	2013079	Screw 2.9x9.5 mm
	2816195	Spring for IC
42P77	6275513	Wire bundle

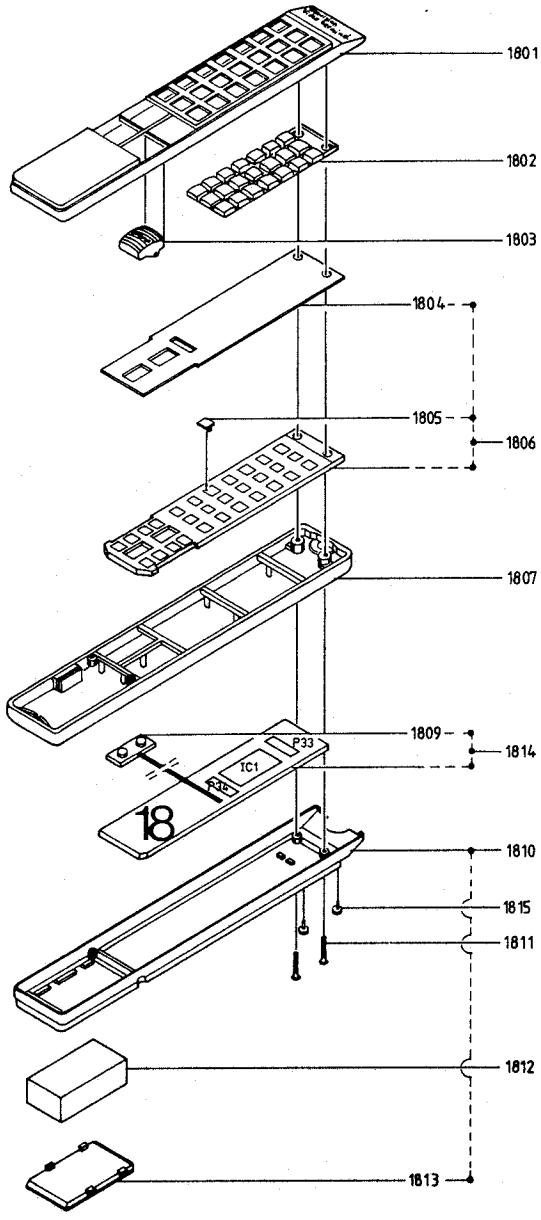
AF amplifier for Beovision 5502, 7702, 8802 and 9002



00180	2015210	Screw 3.5x13 mm

09Modul	8003260	PCB9, AF ampl.
0901	2039905	Screw AM3x12
0902	2624032	Washer
0903	3358145	Heat sink
0904	2624032	Washer
0905	2380112	Nut M3
	2576111	Spacer for 9IC1

Video Terminal



18Modul	8053045	Video Terminal, compl.	1807	2576125	Spacer
1801	3164531	Cover, top	1809	7229020	Battery connection
1802	2775962	Set of buttons	1810	3164542	Cover, bottom
1803	2775963	Sensor buttons	1811	2034043	Screw 2x14 mm
1804	3947058	Insulating piece	1812	8700008	Battery 9V IEC 64F22
1805	7500155	Contact spring	1813	3164551	Battery cover
1806	8003358	Contact PCB for Video Terminal	1814	8003359	PCB18, Video Terminal
	7500154	Contact pin	1815	3341020	Plastic foot

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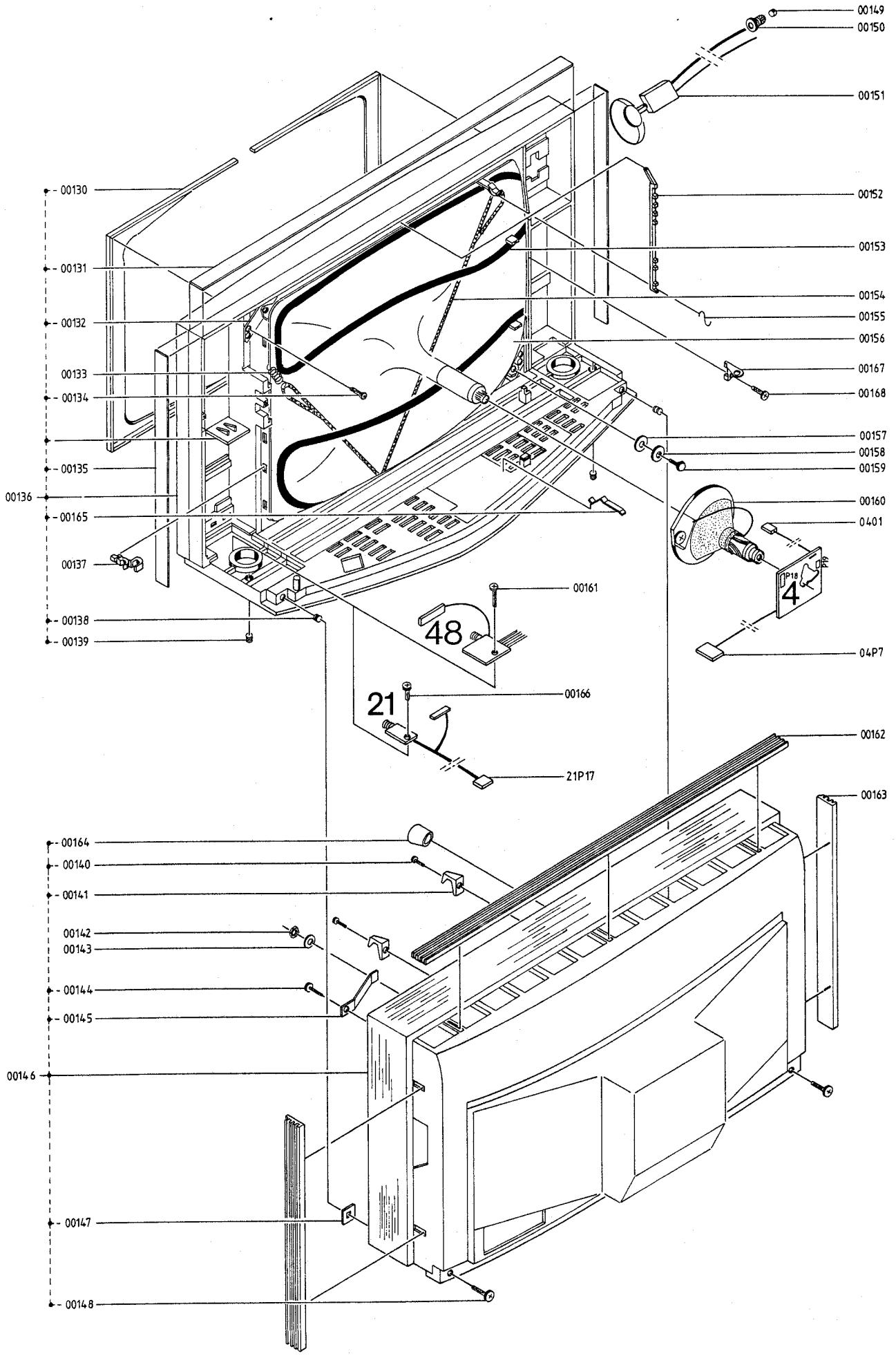


Cabinet for Beovision 8902

00130	3450400	Frame	00147	0376473	Washer
00131	2560162	Front profile, top	00148	2044015	Screw AM5x20
00132	2641094	Picture tube bracket	00149	7500144	Contact bushing
00133	2810071	Spring	00150	2391053	Locking piece
00134	2015019	Screw 3.5x16 mm	00151	6270209	EHT-cable
00135	2560167	Front profile, side	00152	2510122	Clamp
00136	3454545	Bottom/front part	00153	8022094	Degaussing coil
	2620076	Felt washer	00154	7510030	Chassis connection
00137	2515023	Clamp	00155	2510119	Clamp
00138	2389051	Drive-fit nut	00156	8200050	Picture tube A66-540X
00139	2389046	Drive-fit nut	00157	2622269	Tolerance washer
00140	2015210	Screw 3.5x13 mm	00158	2623031	Washer
00141	3151162	Holder	00159	2044021	Screw AM5x12
00142	2380016	Nut M4	00160	8620033	Deflection coil AT 1270
00143	2625003	Tooth lock washer			
00144	2015909	Screw 3.5x6.5 mm	00161	2015201	Screw 3.5x9.5 mm
00145	2816141	Chassis spring	00162	3444130	Grille, top
00146	3414151	Cabinet, teak	00163	3444133	Grille, side
	3414153	Cabinet, rosewood	00164	3170215	Insulating piece
	3414154	Cabinet, oak	00165	7500189	Chassis spring
	3414155	Cabinet, white			
	3911082	Cloth			

04Modul	8003254	PCB4, Video output
0401	6030449	Wire
04P7	6275400	Wire bundle

48Modul	8003423	PCB48, AF distribution

Cabinet for Beovision 7802

00130	3450394	Frame	00153	8022093	Degaussing coil
00131	2560163	Front profile, top	00154	7510031	Chassis connection
00135	2560168	Front profile, side	00156	8200049	Picture tube A56-540X
00136	3454342	Bottom/front part	00160	8620035	Deflection coil AT 1260
	2620076	Felt washer			
00146	3414221	Cabinet, teak	00162	3444129	Grille, top
	3414223	Cabinet, rosewood	00163	3444137	Grille, side
	3414224	Cabinet, oak			
	3414225	Cabinet, white			
	3911083	Cloth			

Other parts identical to cabinet for Beovision 8902

Cabinet for Beovision 8802

00131	2560164	Front profile, top	00162	3444118	Grille, top
00136	3454322	Bottom/front part	00163	3444119	Grille, side
	2620076	Felt washer	00166	2013067	Screw 2.8x13 mm
00146	3414271	Cabinet, teak	00167	3151172	Holder
	3414273	Cabinet, rosewood	00168	2015210	Screw 3.5x13 mm
	3414274	Cabinet, oak			
	3414275	Cabinet, white			
	3911071	Cloth			

21Modul	8003294	PCB21, headphone/ contrast regulation
21P17	6275410	Wire bundle

Other parts identical to cabinet for Beovision 8902

Cabinet for Beovision 7702

00130	3450394	Frame	00153	8022093	Degaussing coil
00131	2560165	Front profile, top	00154	7510031	Chassis connection
00135	2560168	Front profile, side	00156	8200049	Picture tube A56-540X
00136	3454321	Bottom/front part	00160	8620035	Deflection coil AT 1260
	2620076	Felt washer			
00146	3414281	Cabinet, teak	00162	3444109	Grille, top
	3414283	Cabinet, rosewood	00163	3444110	Grille, side
	3414284	Cabinet, oak	00166	2013067	Screw 2.8x13 mm
	3414285	Cabinet, white	00167	3151172	Holder
	3911066	Cloth	00168	2015210	Screw 3.5x13 mm
00152	2510123	Clamp			

21Modul	8003294	PCB21, headphone/ contrast regulation
21P17	6275410	Wire bundle

Other parts identical to cabinet for Beovision 8902

Cabinet for Beovision 5502

00130	3450379	Frame	00152	2510123	Clamp
00131	2560166	Front profile, top	00153	8022129	Degaussing coil
00132	2641093	Bracket for picture tube	00154	7510032	Chassis connection
00135	2560169	Front profile, side	00156	8200048	Picture tube A51-540X
00136	3454320	Bottom/front part	00160	8620034	Deflection coil AT 1250
	2620076	Felt washer			
00146	3414291	Cabinet, teak	00162	3444097	Grille, top
	3414293	Cabinet, rosewood	00163	3444098	Grille, side
	3414294	Cabinet, oak	00166	2013067	Screw 2.8x13 mm
	3414295	Cabinet, white	00167	3151172	Holder
	3911067	Cloth	00168	2015210	Screw 3.5x13 mm

21Modul	8003294	PCB21, headphone/ contrast regulation
21P17	6275410	Wire bundle

Other parts identical to cabinet for Beovision 8902

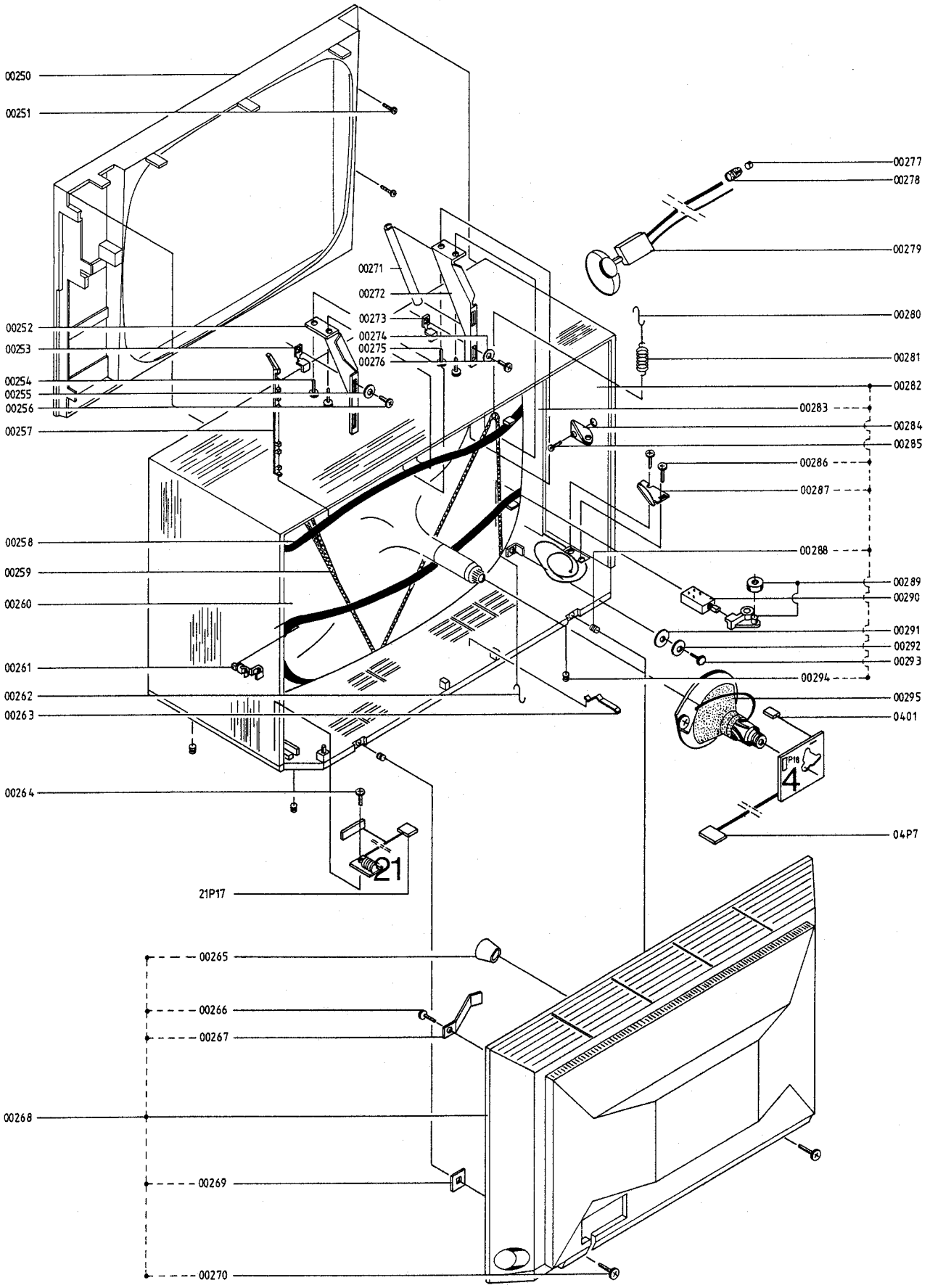
Cabinet for Beovision 9002

00250	3450436	Frame	00278	2391053	Locking piece
00251	2015201	Screw 3.5x9.5 mm	00279	6270209	EHT-cable
00252	3031067	Bracket	00280	2510119	Clamp
00253	3034047	Lock	00281	2810071	Spring
00254	2015907	Screw 3.5x12.7 mm	00282	3413651	Cabinet with bottom, teak
00255	2622041	Washer			
00256	2039028	Screw AM3x8		3413653	Cabinet with bottom, rosewood
00257	2510122	Clamp			
00258	8022094	Degaussing coil	00283	3412551	Tambour door, teak
00259	7510030	Chassis connection		3412553	Tambour door, rosewood
00260	8200050	Picture tube A66-540X			
00261	2515023	Clamp		3411481	Hand list, teak
00262	2510119	Clamp		3411483	Hand list, rosewood
00263	7500189	Chassis spring		2080401	Screw for hand list
00264	2013067	Screw 2.8x13 mm	00284	3152312	Holder
00265	3170215	Insulating piece	00285	2015907	Screw 3.5x12.7 mm
00266	2015210	Screw 3.5x13 mm	00286	2015910	Screw 3.5x9.5 mm
00267	2816141	Chassis spring	00287	3013028	Guide rail
00268	3452026	Back cover	00288	2389051	Drive fit nut
00269	0376473	Lock washer	00289	2854089	Arm and roller
00270	2044011	Screw AM5x16	00290	7450063	Tambour door switch
00271	3950016	Insulating piece	00291	2622269	Tolerance washer
00272	3031066	Bracket	00292	2623031	Washer
00273	3034047	Lock	00293	2044021	Screw AM5x12
00274	2622041	Washer	00294	2389052	Drive fit nut
00275	2015907	Screw 3.5x12.7 mm	00295	8620033	Deflection coil AT 1270
00276	2039028	Screw AM3x8			
00277	7500144	Contact bushing			

04Modul	8003254	PCB4, Video output	04P7	6275400	Wire bundle
0401	6030449	Wire			

21Modul	8003294	PCB21, headphone/ contrast regulation	21P17	6275410	Wire bundle

Cabinet for Beovision 9002



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Parts not shown

7221033	COAX plug 75Ω, brass
7220026	COAX plug 75Ω, aluminium
7221034	COAX plug 75Ω, bracket plug
3533032	Instruction diagam for Beovision 7802 and 8902
3533033	Instruction diagram for Beovision 5502, 7702, 8802 and 9002
3152178	Holder for mains lead
3356037	Magnet correction
2500007	Wooden key for Beovision 9002
3950306	Rubber string

Packing for:
Beovision 5502

3397450	Foam packing
3391569	Outer carton

Beovision 7702

3397450	Foam packing
3391570	Outer carton

Beovision 8802

3397449	Foam packing
3391536	Outer carton

Beovision 9002

3397442	Foam packing
3391641	Outer carton

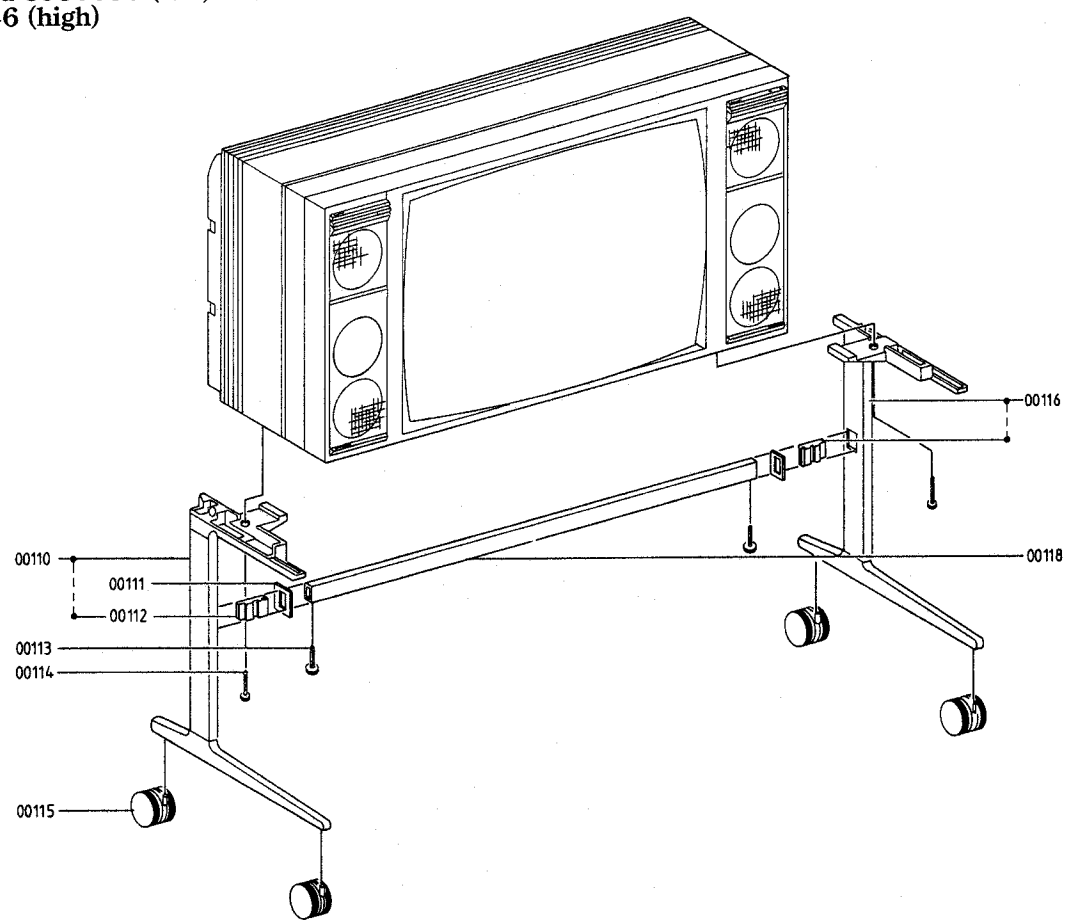
Beovision 7802

3397450	Foam packing
3391706	Outer carton

Beovision 8902

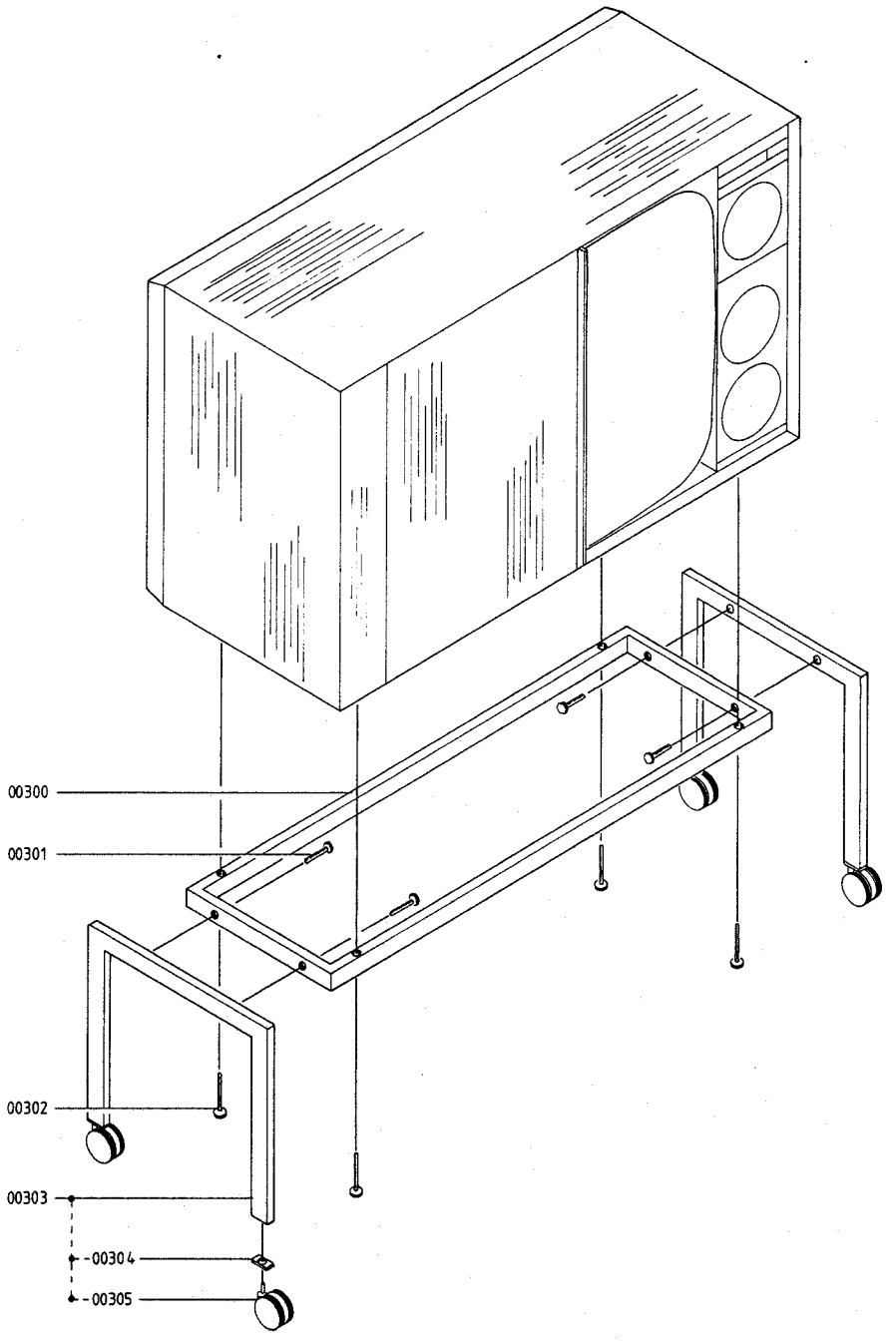
3397449	Foam packing
3391705	Outer carton

TV-stand 8930636 (low) and 8930646 (high)



00110	3103149	Gable for 3063 (low)	2576140	Traverse for Beovision 7802
	3103151	Gable for 3064 (high)	2576141	Traverse for Beovision 8802
00111	2576146	Traverse	2576142	Traverse for Beovision 7702
00112	3152387	Holder	2576144	Traverse for Beovision 5502
00113	2040000	Screw 3.5x10 mm	3391521	Outer carton
00114	2046200	Screw AM6x16 mm	3397305	Foam packing
00115	3032010	Wheel	3543042	Assembly instruction
00116	3103150	Gable for 3063 (low)		
	3103152	Gable for 3064 (high)		
00118	2576139	Traverse for Beovision 8902		

TV-stand for Beovision 9002



00300	3320057	Frame
00301	2046005	Screw AM6x20
00302	2042035	Screw AM4x30
00303	3470124	Gable
00304	2938190	Bushing
00305	3032010	Wheel

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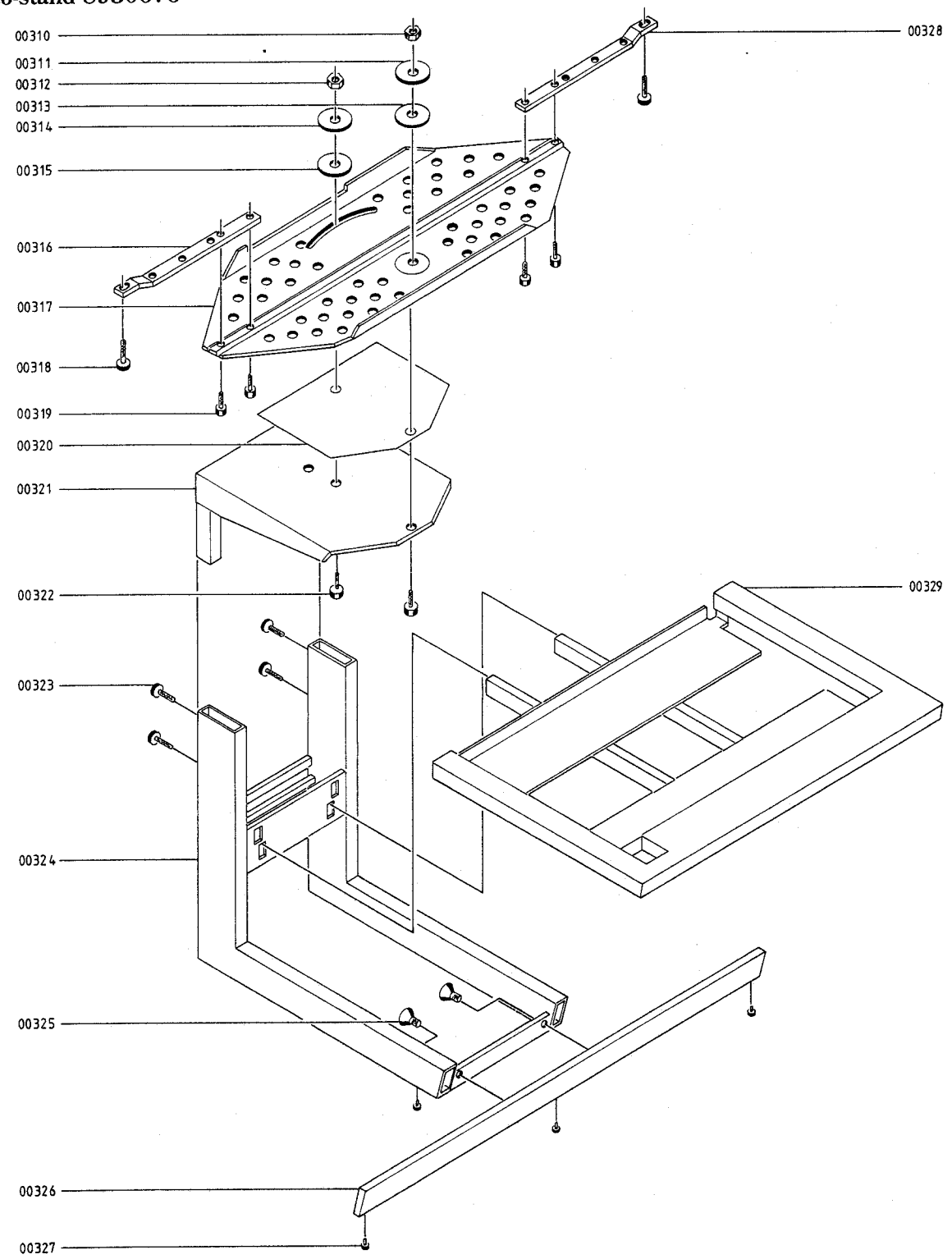
Video-stand 8930676



00310	2380130	Nut M6
00311	2622342	Washer
00312	2380130	Nut M6
00313	2622341	Washer
00314	2622339	Washer
00315	2622340	Washer
00316	3456137	Spacer, left
00317	3901071	Rotary plate
	3901061	Rotary plate for Beovision 5502
00318	2046009	Screw 6x16 mm
00319	2046012	Screw 6x8 mm
00320	3900025	Gasket
00321	3100022	Holder
00322	2046009	Screw 6x16 mm
00323	2046008	Screw 6x12 mm
00324	3100000	Stand
00325	2046007	Screw 6x12 mm
00326	3103172	Profile
00327	3035032	Plastic foot
00328	3456136	Spacer, right
00329	3150061	Shelf
	3040016	Hexagon spanner 4 mm
	3543047	Assembly instruction
	3397518	Foam packing
	3391781	Wrapping

Survey of packings for module transport

Module no.	Description	Packing no.	Remarks
04	Video Output	3391574	
05	Deflection Unit	3391572	
06	Power Supply	3391573 3397355	
09	AF Amplifier	3391577	
14	Infra Red Ampl.	3391574	
18	Video Terminal	3391574	
21	Headphone PCB	3391574	
27	Pal/Secam Decoder	3391575	
40	Stereo Decoder	3391574	
41	Stereo Pre Ampl.	3391574	
42	AF Ampl. Stereo	3391574	
44	Video in/Out	3391574	
45	Video In-In/Out	3391574	
46	Control Unit for Power Supply	3391575	
47	AF Ampl. Supply Stereo	3391575	
48	AF Distribution	3391577	
49	Indicator Stereo	3391574	
55	Remote/Tuning	3391575	
56	Analog Digital	3391574	
57	Analog Digital Stereo	3391574	
58	Video IF	3391577	
60	Mother Board Digital		Sample envelope
61	Mother Board Digital Stereo		Sample envelope
65	Teletext Decoder	3391576 3391657	
67	NTSC 4.43 MHz Unit (Aut.)	3391574	
70	Pal Decoder	3391575	

ACCESSORIES
Pal/Secam decoder, 8003364

3180095	Label »PAL/SECAM« (2 pcs) 50x19
3180907	Label (Display on picture tube)
3390078	Plastic bag 70x100
3391575	Packing 390x190x60
3533129	Instruction for mounting
7220129	Plug 2/2 pol.
8003354	PCB27, Pal/Secam decoder

Video In-in/out 8003476

3168215	Aerial panel
3181034	Label Video kit
3391574	Packing 220x175x60
3503349	Operating manual
3533029	Instruction for mounting
8003456	PCB50, AV switch
8003503	PCB45, Video In-in/out

Pal/Secam/NTSC 4.43 MHz, 8003492

2775852	Button
3180826	Label »HUE«
3181067	Label »PAL/SECAM/ NTSC 4.43 MHz« (2 pcs)
3180908	Label (Display on picture tube)
3390078	Plastic bag 70x100
3391575	Packing 390x190x60
3503274	Supplement to operating manual
3533130	Instruction for mounting
4133003	10 nF ±20% 250V
5010053	15 kΩ ±5% 1/4W
5010054	1 MΩ ±5% 1/4W
6032052	Wire 65 cm
6422000	Flex 3 cm
7220129	Plug 2/2 pol.
8003354	PCB27, Pal/Secam
8003502	PCB67, Autm. NTSC
8300058	Diode 1N 4148

Stereokit, 8003435

3152254	Module holder (4 pcs)
3168215	Aerial panel
3180971	Label (socket layout)
3181024	Label (load)
3181025	Label »STEREO«
3390001	Plastic bag 150x300
3391575	Packing 390x190x60
3503093	Operating manual
3533028	Mounting instruction
8003408	PCB40, Stereo decoder
8003411	PCB41, Stereo pre ampl.
8003427	PCB52, Audio plug
8003428	PCB53, Indicator
8003429	PCB54, DC set
8003505	PCB44, Video In/out

Teletext kit S 8003495

2819078	Locking spring (4 pcs)
3112230	Chassis frame
3181060	Label »SVENSK«
3181079	Label »8003495«
3390192	Bag with parts:
2391051	Locking piece
3180267	Label »TEXT-TV«
3390007	Plastic bag 60x80
7220129	Plug 2/2 pol.
3391576	Packing 340x275x70
3503094	Operating manual
3543000	Instruction for mounting
6270232	Wire P38/P24
8003488	PCB65, Teletext decoder

Teletext kit D 8003496

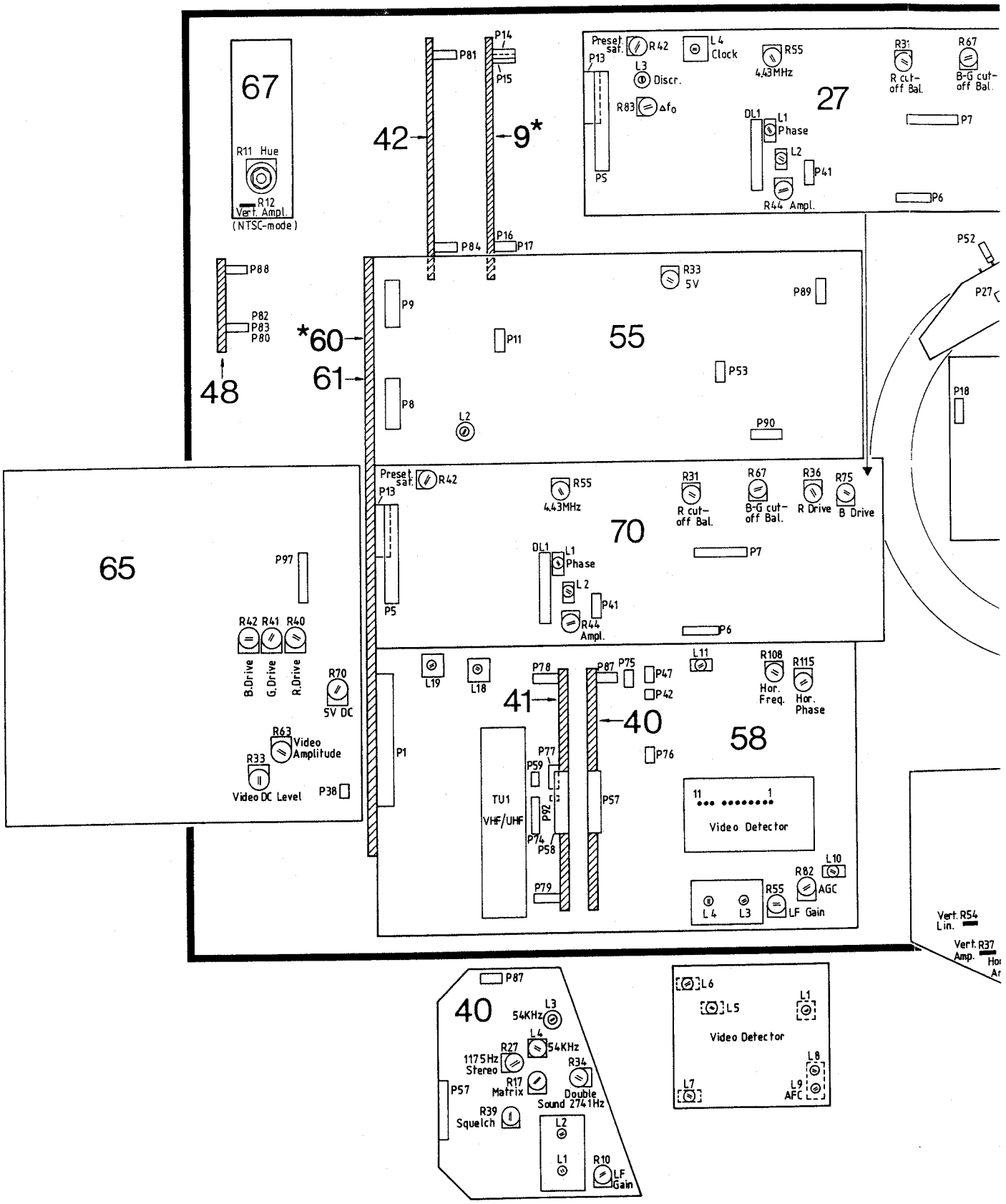
2819078	Locking spring (4 pcs)
3112230	Chassis frame
3181059	Label »TYSK«
3181080	Label »8003496«
3390192	Bag with parts:
2391051	Locking piece
3180267	Label »TEXT-TV«
3390007	Plastic bag 60x80
7220129	Plug 2/2 pol.
3391576	Packing 340x275x70
3503094	Operating manual
3543000	Instruction for mounting
6270232	Wire P38/P24
8003489	PCB65, Teletext decoder

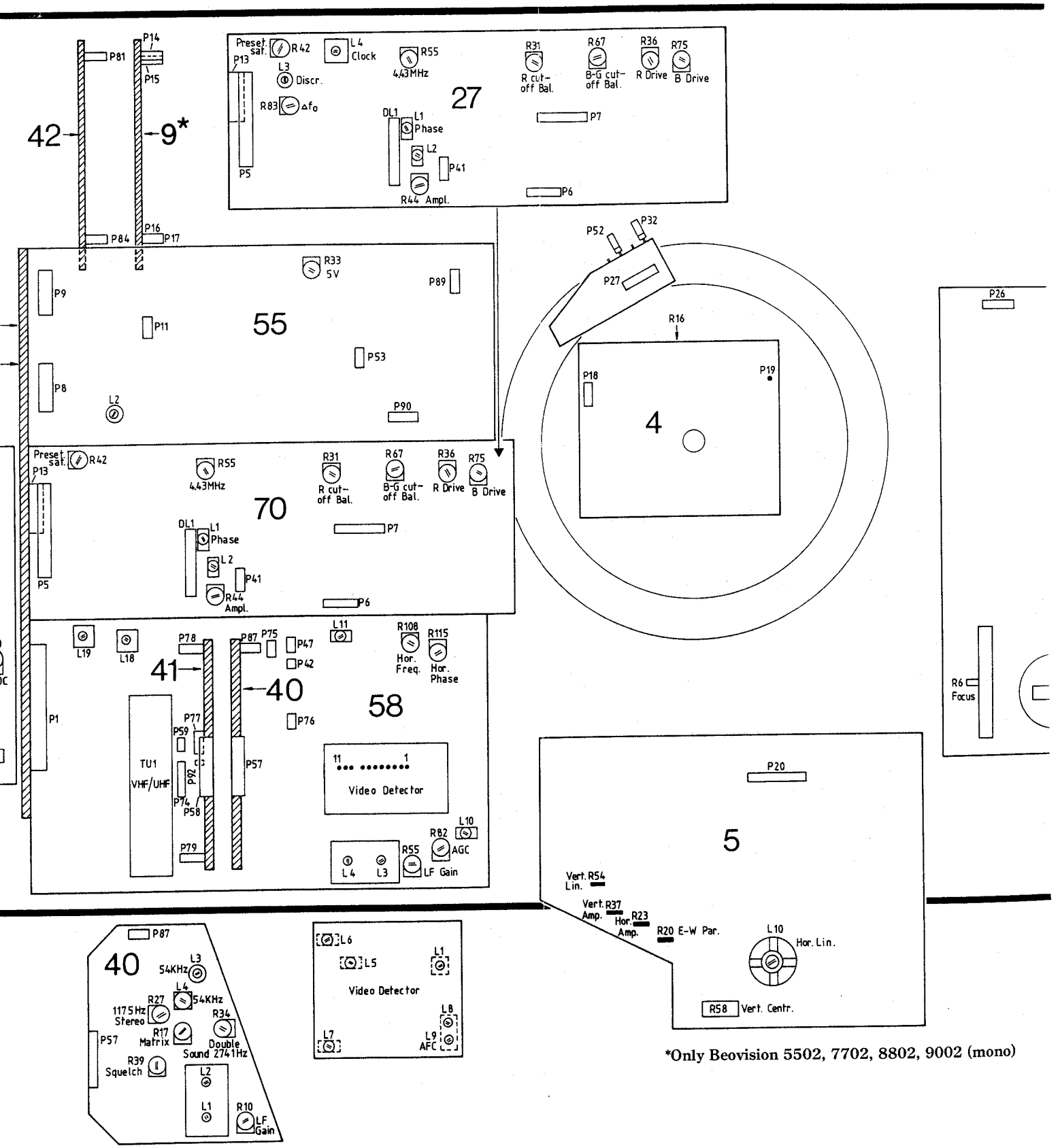
Teletext kit GB 8003497

2819078	Locking spring (4 pcs)
3112230	Chassis frame
3181061	Label »GB«
3181081	Label »8003497«
3390192	Bag with parts:
2391051	Locking piece
3180267	Label »TEXT-TV«
3390007	Plastic bag 60x80
7220129	Plug 2/2 pol.
3391576	Packing 340x275x70
3503094	Operating manual
3543000	Instruction for mounting
6270232	Wire P38/P24
8003494	PCB65, Teletext decoder

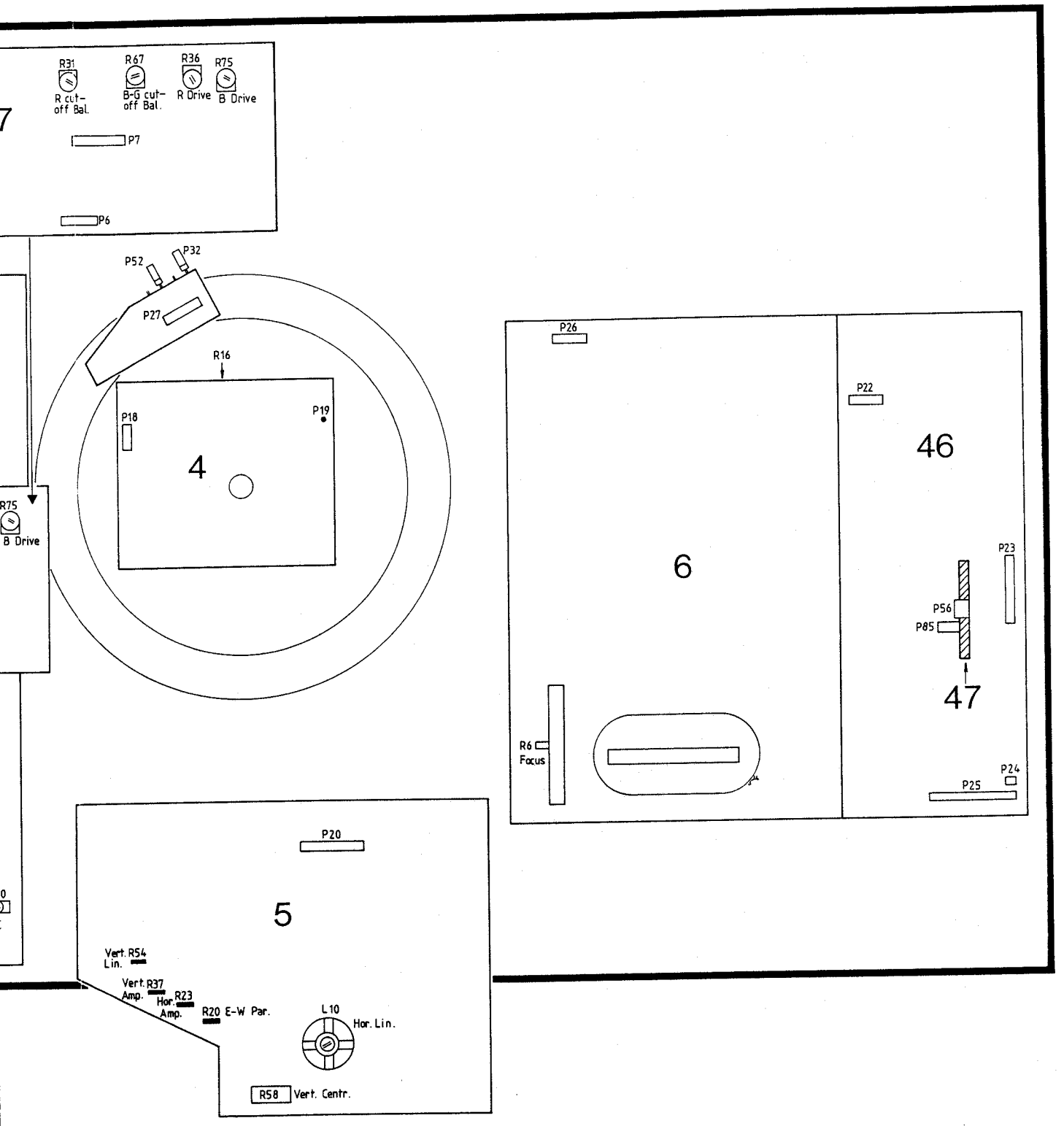
5-1

Layout drawing of PCB units, adjustments and sockets, as seen from behind





*Only Beovision 5502, 7702, 8802, 9002 (mono)



*Only Beovision 5502, 7702, 8802, 9002 (mono)

ADJUSTMENTS

During the following adjustments a normal CTV test pattern must be applied to the receiver, if nothing else is mentioned.

5 volt

Adjust 55R33 (C1) to 5.2V ±0.15V on the collector of 5TR8.

Horizontal Deflection

Horizontal Frequency

Short-circuit 58TP12 to 58TP15 (A/B2) (58IC5 pin 14 to pin 12).
Adjust to correct line frequency with 58R108.
Remove short-circuit after adjustment.

E/W Parabola

Adjust with 5R20.

Horizontal Centering

Adjust with 58R115 (Hor. phase).

Horizontal Amplitude

Adjust with 5R23.

Horizontal Linearity

Adjust with 5L10.

Focus

Brightness and colour saturation potentiometers are set to nominal values.
Contrast potentiometer is set to maximum contrast.
Adjust with 6R6 to maximum sharpness seen 9-10 cm from screen edge.

Vertical Deflection

Vertical Amplitude

Adjust 5R37 to correct position in picture at the top of the screen.

Vertical Linearity

Adjust with 5R54.

Vertical Centering

Adjust with 5R58.

AGC

In order to make correct AGC adjustment the receiver must be connected to an aerial signal of 0.5 mV as described in point A. If an aerial signal of 0.5 mV is not available, it is possible to make a fairly good adjustment as described in point B.

A. Connect a 0.5 mV aerial signal in VHF Band III to the receiver, and set at correct test picture.
Connect voltmeter to 58TP9 (approx. 9V is measured).
Turn 58R82 clockwise until stop (seen from the component side).
Then turn 58R82 counter-clockwise to the point where the voltage measured just drops by 0.5V.

B. An attenuator is inserted in series with aerial cable.
Turn AGC potentiometer 58R82 clockwise till stop (seen from the component side). Increase aerial signal with attenuator till no noise (snow) can be seen in the picture.
Then turn 58R82 counter-clockwise till noise (snow) can again just be seen in the picture, and then turn 58R82 back (clockwise) until noise just disappears.

PCB70, Pal Decoder (incl. Cut-off, Drive)

4.43 MHz Oscillator

The receiver **must** have been ON for approx. 10 min prior to this adjustment.

Connect the receiver to a Pal test pattern.

Fit a 22 nF capacitor between 70TP3 and 70TP4 (D1/2).

Make a jumper between 70TP5 and 70TP6 (E2).

Adjust with 70R55 until correct freewheeling frequency is obtained.

Remove the jumper and the capacitor after the adjustment.

Phase (Pal Delay)

Connect the receiver to a Pal test pattern.

Connect an oscilloscope to 4TP1. Set the X-deflection at 10 µsec/cm. (Set it so that you just see even as well as uneven hor. lines).

Adjust with 70L1 and 70L2 until optimum coincidence is present in the colour bar.

Amplitude (Pal Delay)

Connect the receiver to a Pal test pattern (colour bar).

Connect an oscilloscope to 4TP1.

Adjust with 70R44 until the optimum coincidence is present in the extreme right side of the test pattern.

Colour Saturation Reserve

Connect the receiver to the test pattern transmitted by a station.

Activate the »Reset« button on the Video Terminal.

Set the luminance and contrast potentiometers at nominal values. Turn the colour saturation potentiometer to mid-position.

Adjust with 70R42 until correct colour saturation is seen on the test pattern.

Aut. Cut-off

Prior to making this adjustment it must be checked that »Hor. amplitude« (5R23) has been correctly adjusted.

Set the luminance potentiometer to mid-position.

Make a jumper from 70TP1 to 70TP2 (C1).

Measure the voltage drop with a DC voltmeter (R_i>1 MΩ) across 4R3, 4R6 and 4R9. Adjust with 4R16 until 20V are present across either of 4R3, 4R6 or 4R9 depending on which one has less pressure drop.

Remove the jumper after the adjustment.

Cut-off Balance

Connect the receiver to a test pattern transmitted by a station.

Set the colour saturation potentiometer at minimum. Check that the luminance potentiometer is correctly set.

Adjust with 70R31 and 70R67 until the dark parts (bars) of the test pattern become achromatic. Check with a reference level tube.

Drive

Connect the receiver to the test pattern transmitted by a station.

For this adjustment a reference white level tube should be used, luminance D (6,500 K).

Adjust with 70R36 and 70R75 until white level on the receiver corresponds to white level on the reference white level tube.

Display

Adjust with 55L2 until the display, in horizontal position, is approx. 4.5 cm from the picture screen edge.

PCB40, Stereo Decoder

A CTV-service generator with possibility for choice between the following sorts of sound modulation: normal TV sound (mono), stereo and double sound, must be used to adjust the decoder.

For this adjustment procedure was used a Philips generator »PM 5519GX Colour TV Pattern Generator«.

1. Set PCB40 in service position with extension print (part no. 8003457).

2. 54 kHz:
   Set generator to stereo sound modulation.
   Connect oscilloscope to test point 40TP5 (40IC3 pin 13).
   Adjust with 40L3 till maximum amplitude.

3. 274.1 Hz:
   Set generator to double sound modulation.
   Connect oscilloscope to 40TP7 (40IC3 pin 15).
   Adjust with 40R34 till maximum amplitude.

4. Set generator to double sound modulation.
   Connect oscilloscope to 40TP7 (40IC3 pin 15).
   Adjust slowly with 40L4 till the point where maximum amplitude is just measured.

5. 117.5 Hz:
   Set generator to stereo sound modulation.
   Connect oscilloscope to 40TP6 (40IC3 pin 5).
   Adjust with 40R27 till maximum amplitude.

6. Squelch:
   Set generator to double sound modulation.
   Connect oscilloscope to 40TP4 (40TR2 emitter).
   Damp aerial signal slowly until the point where identification (indicator light) just ceases.
   Adjust with 40R39 until signal just ceases in scope. Now turn 40R39 in opposite direction until signal just reappears in scope.

7. AF-gain:
   Set generator to double sound modulation.
   Connect AF voltmeter (f.ex. Bang & Olufsen RV9A) to P57 pin 10 on PCB40.
   Adjust with 58R55 until 0.60V RMS (or 1.7 V_{pp}) is measured.
   Now connect AF voltmeter to 40TP4 (40TR2 emitter).
   Adjust with 40R10 until 0.60V RMS (or 1.7 V_{pp}) is measured.

8. Matrix:
   Set generator to stereo sound modulation in right channel (on the Philips generator press buttons »mono/stereo« and »1(L)/1-2(R)«).
   Connect oscilloscope to P57 pin 7 on PCB40.
   Adjust with 40R17 until smallest possible signal is measured.

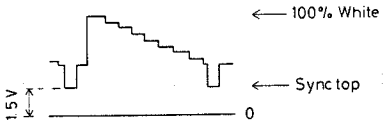
Teletext
DC adjustment

65R70 is adjusted to 5V on 65C42 (D2).

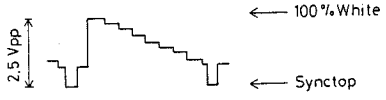
Video-Amplifier

Tune the receiver to a test pattern.
Connect an oscilloscope to the collector of 65TR4 (C4).

DC Level:
With 65R33 adjust as shown.



Amplitude:
With 65R63 adjust as shown.



Drive

Connect the receiver to the test pattern transmitted by a station.
Set the luminance and contrast potentiometers at nominal values.

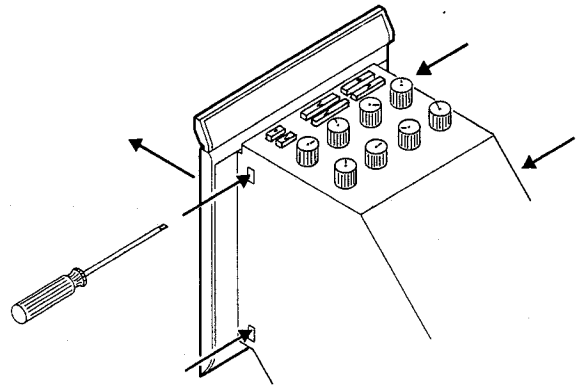
Set the receiver in mode teletext (text mode) by activating the button »TEXT« on the Video Terminal and select a page containing white fields.

The »TEXT« button on the Video Terminal may now be used to mix the selected teletext page with the test picture.

Adjust with 65R40, 65R41 and 65R42 until white on the teletext page corresponds to 75% white on the test pattern.

DISMANTLING

Demounting of the right-hand top loudspeaker panel

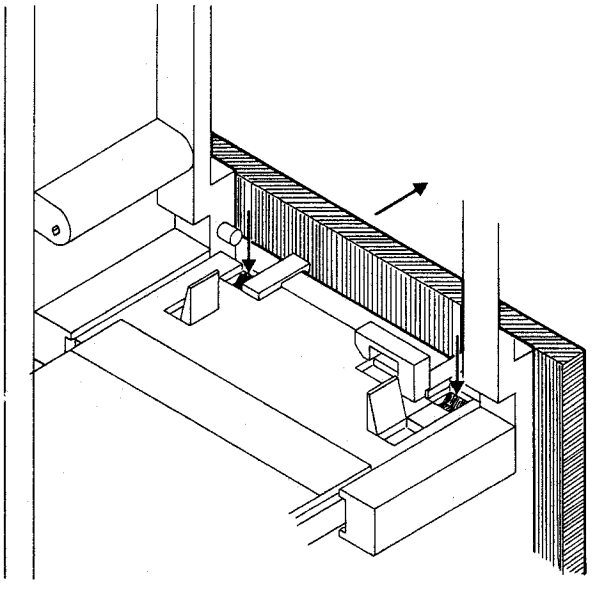


Press the top loudspeaker panel inwards, whereby the tuner unit will swing forward.

Press the panel locking levers with a screwdriver and simultaneously pull at the panel.

NB: Two of the loudspeaker locking levers are wider than the other two. When re-mounting the panel, the wider two must turn downwards.

Demounting of the right-hand bottom loudspeaker panel

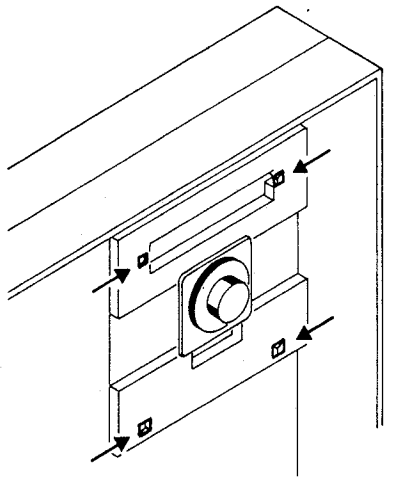


Press the top loudspeaker panel inwards, whereby the tuner unit will swing forward.

Pull the unit all the way out until the tuning potentiometers become accessible.

Press the two panel locking levers with a screwdriver and simultaneously pull at the panel.

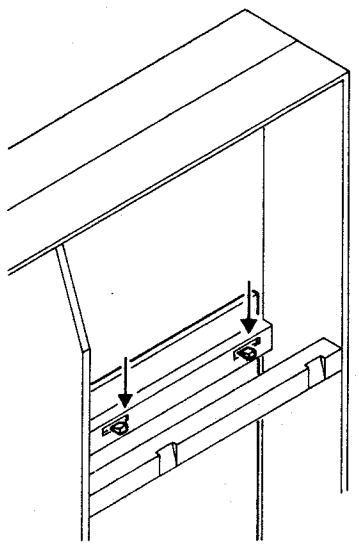
Demounting of the left-hand top loudspeaker panel



Press the loudspeaker panel locking levers while simultaneously pushing them.

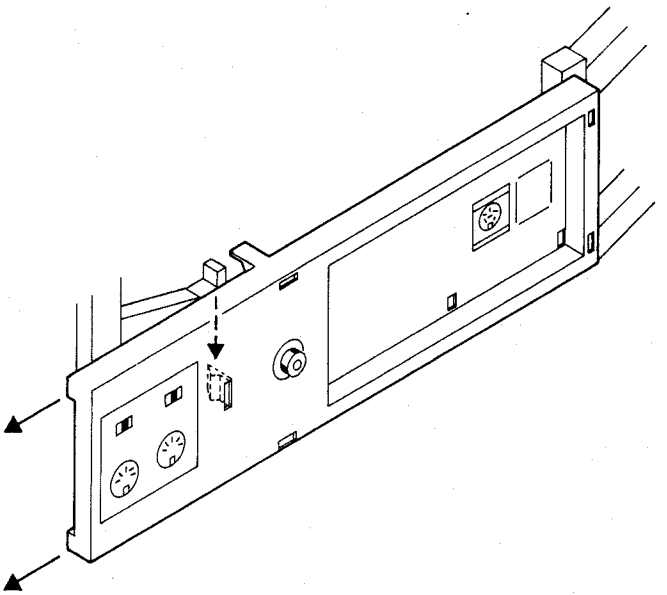
NOTE: The two bottom locking levers on the top loudspeaker panel are wider than the two others.
When re-mounting the panel, the widest locking levers must turn downwards.

Demounting of the left-hand bottom loudspeaker panel



Press the two loudspeaker panel locking levers while simultaneously pulling the panel.

Demounting of aerial panel



The aerial panel is removable by pressing the two locking levers at the left side and simultaneously pulling the panel.

Bang&Olufsen

TECHNICAL SPECIFICATIONS	BEOVISION 7802-8902
Picture tube size	Beovision 7802 22"-56 cm
	Beovision 8902 26"-66 cm
Cabinet	Wood
Features	Stereo sound
	Stereo enhancement
	Bilingual sound
Number of programms	32 VHF-UHF
Range	UHF 21-69
	VHF 2-12
	or VHF 46.25-105.25 MHz and 113.25-294.25 MHz
Picture tube	30 AX 110° in line self converging
Start time	Approx. 5 sec.
Aerial impedance	75 ohms coaxial
Speakers, 2 set Log Line system	Woofer 4"-10 cm
	Tweeter 2"-5 cm
Sound power output	2 x 14 watts/8 ohms
Harmonic distortion	<1% at 15 watts, <0.5% at 14 watts
Intermodulation	<1%
Frequency range	30-20,000 Hz ±1.5 dB
Power bandwidth	30-50,000 Hz
Signal-to-noise ratio	>55 dB
Bass control	±8 dB/100 Hz
Treble control	±8 dB/10,000 Hz
Power supply	180-265 volts
Power frequency	50-60 Hz
Power consumption	85 (70-160) watts
Stand by	<2 watts
Dimensions W x H x D/weight	Beovision 7802 76.5 x 43.5 x 42 cm/31 kg
	Beovision 8902 89.5 x 49 x 45.5 cm/41 kg
Connections:	
Headphones output	Max. 10.5 V/200 ohms
External speakers	8 ohms
Tape output	600 mV/1 kohms
Amplifier output	600 mV/1 kohms
AC socket, Audio/Video IN/OUT	DIN 6 pin
Video input	1 V_{pp} 75 ohms FBAS
Video output	1 V_{pp} 75 ohms
Audio input	600 mV/100 kohms
Audio output	600 mV/1 kohms
Accessories (additional price)	
Table with castors	Type 3063 height 35 cm
	Type 3064 height 42 cm
Stereo headphones	U 70
Loop amplifier	8003316
Installation kit for:	
Teletext	8003497
Pal/secam	8003364
Pal/Secam/NTSC 4.43 MHz	8003492
Video in - in/out	8003476
Subject to change without notice	

TECHNICAL SPECIFICATIONS	BEOVISION 5502-7702-8802-9002	
Picture tube size	Beovision 5502	20"-51 cm
	Beovision 7702	22"-56 cm
	Beovision 8802-9002	26"-66 cm
Cabinet	Beovision 5502, 7702, 8802	Wood
	Beovision 9002	Wood with tambour door
Number of programmes	32 VHF-UHF	
Range	UHF 21-69	
	VHF 2-12	
	or VHF 46.25-105.25 MHz and 113.25-294.25 MHz	
Picture tube	30 AX 110° in line self converging	
Start time	Approx. 5 sec.	
Aerial impedance	75 ohms coaxial	
Speakers	Beovision 5502, 7702	Woofer 3"-8 cm
		Tweeter 2"-5 cm
		Log line system
	Beovision 8802, 9002	Woofer 4"-10 cm
		Tweeter 2"-5 cm
		Log line system
Sound power output	14 watts	
Harmonic distortion	<0.3%	
Intermodulation	<2.5%	
Frequency range ±1.5 dB	40-20,000 Hz	
Power bandwidth	10-35,000 Hz	
Signal-to-noise ratio	>55 dB	
Bass control	+8-5 dB/100 Hz	
Treble control	+9-6 dB/10,000 Hz	
Power supply	180-265 volts	
Frequency	50-60 Hz	
Power consumption	75 (65-130) watts	
Stand by	<2 watts	
Dimensions W x H x D/weight	Beovision 5502	62 x 40 x 39 cm/25.5 kg
	Beovision 7702	67.5 x 43.5 x 41.5 cm/29 kg
	Beovision 8802	77 x 49 x 45.5 cm/39 kg
	Beovision 9002	79.5 x 48 x 48 cm/42 kg
Connections:		
Headphones output	Max. 7.5 V/200 ohms	
External speaker	Min. 4 ohms	
Tape output	600 mV/1 kohms	
Amplifier output	600 mV/1 kohms	
Accessories (additional price)		
Table with castors	Type 3063 height 35 cm	
	Type 3064 height 42 cm	
Stereo headphones	U 70	
Loop amplifier	8003316	
Installation kit for:		
Teletext	8003497	
Pal/secam	8003364	
Pal/Secam/NTSC 4.43 MHz	8003492	
Video in - in/out	8003476	

Subject to change without notice

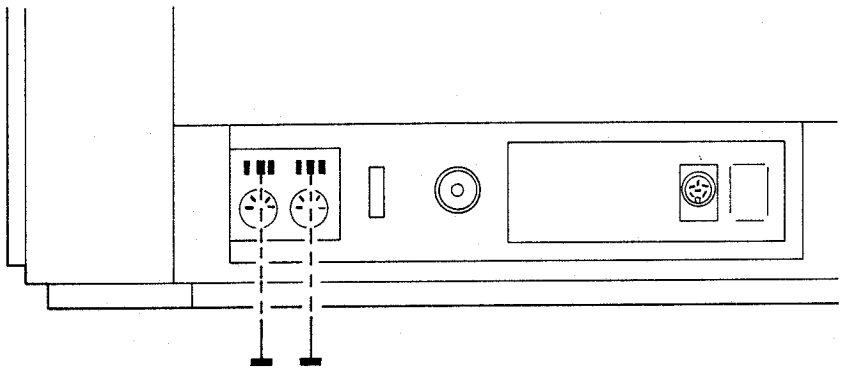
INSULATION TEST

Each set **must** be insulation tested after it has been dismantled. The test is to be carried out when the set has been re-assembled and is ready for delivery to the customer.

The insulation test is carried out in the following way:

Short-circuit the two plug pins of the main plug and connect one of the terminals of the insulation tester. Connect the other terminal of the insulation tester to the chassis pin of one of the loudspeaker sockets.

Set the mains switch in ON position.



NOTE!
To avoid ruining the set, it is essential that both insulator test terminals are in really good mechanical contact.

Now turn slowly the voltage control down on the insulation tester until a voltage of 1.5-2 kV is obtained. Hold it there for 1 sec, then turn slowly the voltage down again.

At no point during the test procedure any flash-overs are permissible.

SERVICE TIPS
Tuning loop
(without aerial signal)

Control of tuning loop (55IC2, tuner and circuit for tuning voltage) can take place by measuring whether Phase Lock, 55IC2, pin 12 is low when a channel has been selected on the TV-set.

To check whether Phase Lock **can** go high, the tuning loop is broken by opening the connection to the prescaler of the tuner, socket P91 on the intermediate frequency PC-board PCB58, coordinate E3.

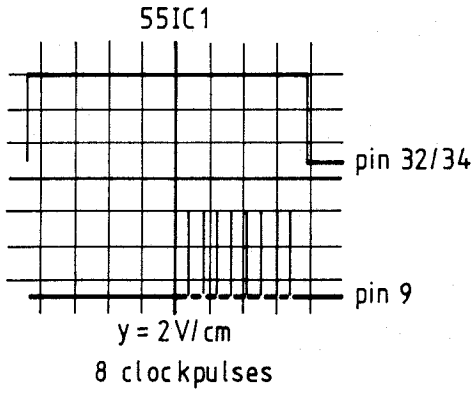
The serial data bus

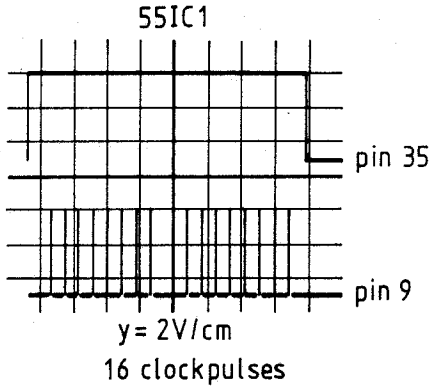
Control of the serial data bus may take place by means of a double beam oscilloscope.

The CTV-set is set in position TUNE without aerial signal.

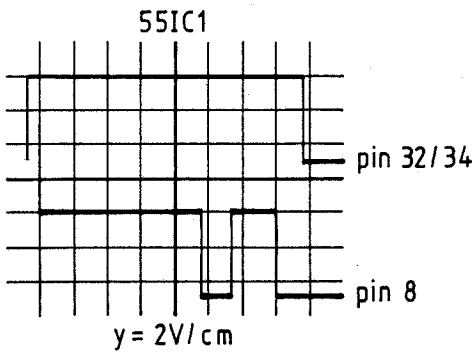
One channel of the oscilloscope is alternately connected to the enable wires 55IC1, pins 32, 34 or 35 and is triggered until the enable period is seen on the screen.

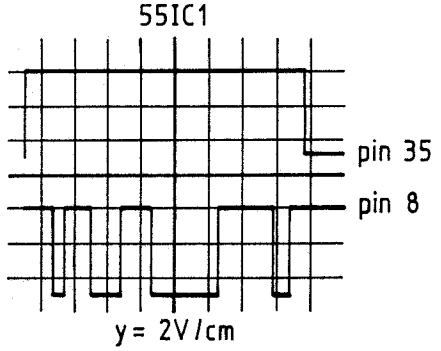
The second channel is connected to the clock lead 55IC1, pin 9 and it is checked that the correct number of clock pulses are present during the enable period.





Now the second channel is connected to the data lead 55IC1, pin 8 and it is checked that data are present during the enable period.





Periodical pumping

Power supply pumps periodically after few hours of working.
Red or blue focus lead has too little distance to 6T3, 6T4 or 6T6. The focus lead must be kept apart from the transformers mentioned (e.g. under the degaussing coil).

By short circuiting 46C17 the voltages are reduced to approx. half.

See also TECHNICAL PRODUCT INFORMATION for Beovision 8800, type 3311.

Family	7xxx											Acce
Design	Basic					De Luxe						Multistandard	East Standard	NTSC Modified
Sound	Mono			Stereo		Mono				Stereo		System L/B/G	System B/G	PAL/SECAM
Screen	20"	22"	26"	22"	26"	20"	22"	26"	26"	22"	26"	PAL/SECAM	PAL/SECAM	NTSC 4,43 MHz
Sales Designation	5102	7102	8102	7202	8202	5502	7702	8802	9002	7802	8902			
Spec.														
Eu B/G PAL	7700	7400	7100		7200	7710	7410	7110	7003	7510	7210	8003333	8003364	8003492
Eu TXT S B/G PAL						7711	7411	7111		7511	7211	8003333	8003364	8003492
Eu TXT D B/G PAL							7412	7112				8003333	8003364	8003492
GB I PAL	7720	7420	7120									8003333	(PCB58) 8003462/ 8003364	8003492
GB TXT I PAL						7733	7433	7133	7004	7533	7233	8003333	(PCB58) 8003462 8003364	8003492
S-Tuner + FTZ B/G PAL						7090	7070	7050		7030	7020	8003333	8003364	8003492
S-Tuner TXT D B/G PAL							7072	7052				8003333	8003364	8003492
S-Tuner TXT GB B/G PAL							7073	7053				8003333	8003364	8003492
F L-SECAM						7750	7450	7150				8003235	(PCB58) 8003462	8003493/8003438
Mlt.st. F L/B/G PAL/SECAM						7770	7450	7170		7570	7270			8003493
Mlt.st. S-Tuner L/B/G PAL/SECAM						7790	7490	7190						8003493

Service Manual
Beovision 7xxx De Luxe

Language	System	Order nr.
Danish	B/G Pal	3538577
English	I/B/G Pal	3538578
German	B/G Pal	3538579
Italian	B/G Pal	3538580

Diagram
Beovision 7xxx De Luxe

Language	System	Order nr.
DK, GB, D	B/G Pal Stereo	3533032
DK, GB, D	I/B/G Pal Mono	3533033
I	B/G Pal Mono	3533023

7xxx										Accesssory Kits						
Basic				De Luxe						Multistandard	East Standard	NTSC Modified	TELETEXT			Video
Mono		Stereo		Mono				Stereo		System L/B/G	System B/G	PAL/SECAM				In-In/Ou
22"	26"	22"	26"	20"	22"	26"	26"	22"	26"	PAL/SECAM	PAL/SECAM	NTSC 4,43 MHz	Swedish	German	English	DIN
7102	8102	7202	8202	5502	7702	8802	9002	7802	8902							
7400	7100		7200	7710	7410	7110	7003	7510	7210	8003333	8003364	8003492	8003495	8003496	8003497	8003476
				7711	7411	7111		7511	7211	8003333	8003364	8003492	Built-in			8003476
					7412	7112				8003333	8003364	8003492		Built-in		8003476
7420	7120									8003333	(PCB58) 8003462/ 8003364	8003492			8003497	8003476
				7733	7433	7133	7004	7533	7233	8003333	(PCB58) 8003462 8003364	8003492			Built-in	8003476
				7090	7070	7050		7030	7020	8003333	8003364	8003492	8003495	8003496	8003497	
					7072	7052				8003333	8003364	8003492		Built-in		8003476
					7073	7053				8003333	8003364	8003492			Built-in	8003476
				7750	7450	7150				8003235	(PCB58) 8003462	8003493/8003438				
				7770	7450	7170		7570	7270			8003493	8003495	8003496	8003497	
				7790	7490	7190						8003493	8003495	8003496	8003497	

Diagram
Beovision 7xxx De Luxe

Language	System	Order nr.
DK, GB, D	B/G Pal Stereo	3533032
DK, GB, D	I/B/G Pal Mono	3533033
I	B/G Pal Mono	3533023

Accesssory Kits										
Standard	NTSC Modified	TELETEXT			Video	Video	Sound	Sound	Stereo Function	
em B/G	PAL/SECAM				In-In/Out	In/Out	Converter	Converter		
/SECAM	NTSC 4,43 MHz	Swedish	German	English	DIN	Is Standard In all De Luxe CTV	(1 MHz)	(0,5 MHz)	Is Standard In all Stereo CTV	
										Spec.
03364	8003492	8003495	8003496	8003497	8003476	8003437	8003396	8003400	8003435	Eu B/G Pal
03364	8003492	Built-in			8003476	8003437	8003396	8003400	8003435	Eu TXT S B/G Pal
03364	8003492		Built-in		8003476	8003437	8003396	8003400	8003435	Eu TXT D B/G Pal
) 8003462/ 03364	8003492			8003497	8003476	8003437			8003435*	GB I Pal
3) 8003462 03364	8003492			Built-in	8003476	8003437			8003435*	GB TXT I Pal
03364	8003492	8003495	8003496	8003497		8003437	8003396	8003400	8003435	S-Tuner + FTZ B/G Pal
03364	8003492		Built-in		8003476	8003437	8003396	8003400	8003435	S-Tuner TXT D B/G Pal
03364	8003492			Built-in	8003476	8003437	8003396	8003400	8003435	S-Tuner TXT GB B/G Pal
3) 8003462	8003493/8003438					PERI built-in				F L Secam
	8003493	8003495	8003496	8003497		PERI built-in	8003396	8003400		Mlt.st. F L/B/G Pal/Secam
	8003493	8003495	8003496	8003497		PERI built-in	8003396	8003400		Mlt.st. S-Tuner L/B/G Pal/ Secam

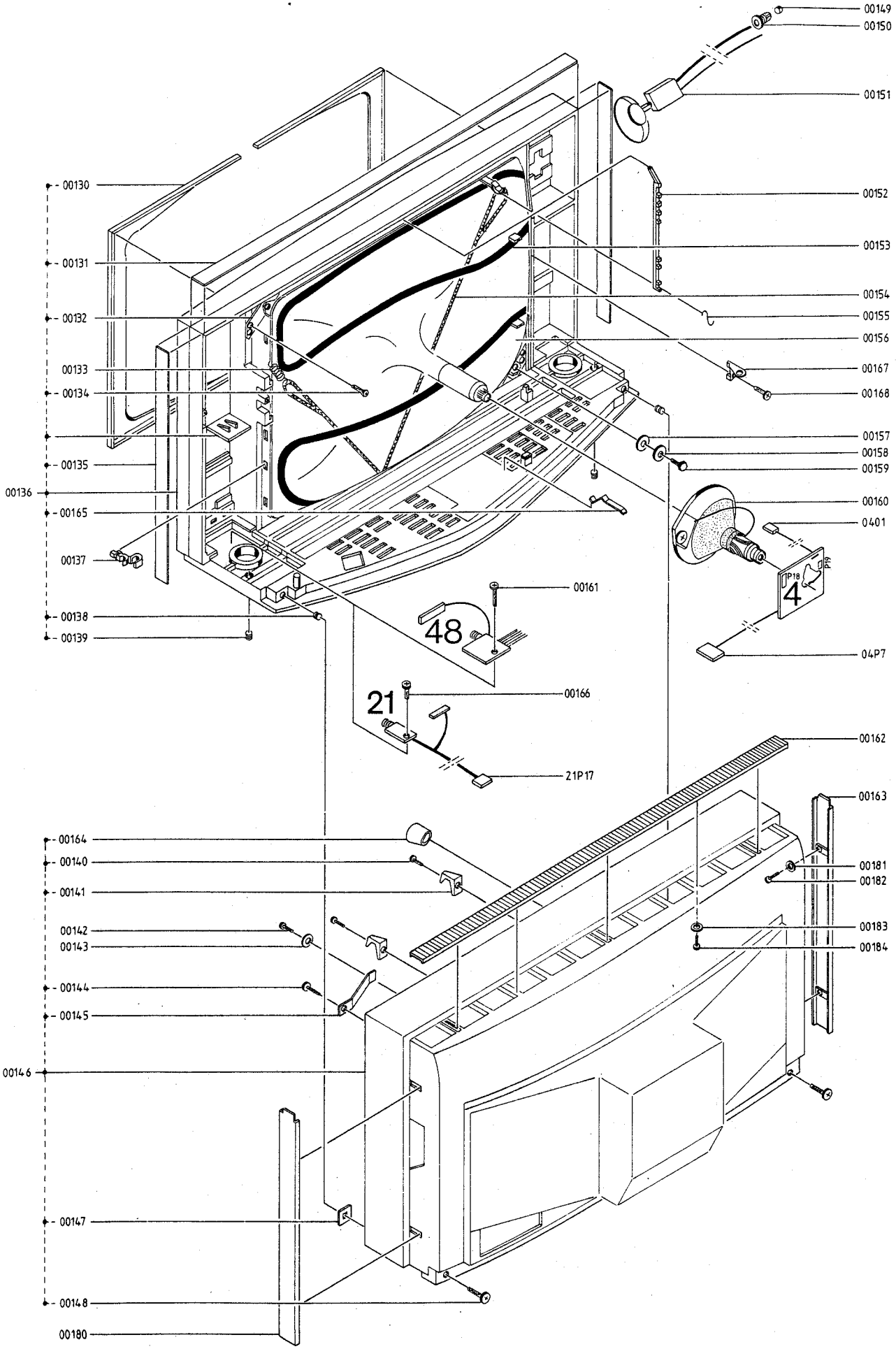
*AF in only

Final testing after repair.
It is presumed that insulation test has been made.

Testing	Button operation	Display	Remarks
Tuning	Tune [>] ⇨	1 Programme 1 10 Channel ex. 10	In case a side band is caught, activate tune again
Store	Store [•] ⇨	1 Programme 1 10 Channel ex. 10	Indicated for few secs. One channel is stored in band 1-3 and 4
Programme step	Programme step [<] [>] ⇨	2 Programme 2-3 etc. X	
Channel step	Tune [>] → Program step [<] [>] ⇨	X 10 Channel 0-99	
Fine adj.	Fine tune [<] [>] ⇨	Programme no.	Channel no. blinking when frequency is outside the one stored
Operating potentiometer			It is checked that the potentiometers function to their purpose
Stereo/Mono switch			It is checked that the switch functions
SOUND switch	SOUND ⇨	NONE ◄ ► ◄ ► ◄ ■ ►	MONO LANGUAGE 1 LANGUAGE 2 STEREO Stereo enhancement
Video out			Video Pin 2 on AV bushing Audio pin L4/R6
Video in			Programme 0-33-34 Pin 2 on AV bushing Pin L4/R6

Testing	Button operation Display	Remarks
Video in shift 12V		AV pin 1
Extraloudspeaker		To be checked
Tape/Amp.		To be checked
Headphone		To be checked
Sensitivity		To be checked
Video Terminal		All functions to be checked
Mains switch	ON off ▬	ST BY indication

MECHANICAL PARTS LIST FOR WHITE LINE



Cabinet for Beovision 8902

00130	3450400	Frame	00150	2391053	Locking piece
00131	2560180	Front profile, top	00151	6270209	EHT-cable
00132	2641094	Picture tube bracket	00152	2510122	Clamp
00133	2810071	Spring	00153	8022094	Degaussing coil
00134	2015019	Screw 3.5x16 mm	00154	7510030	Chassis connection
00135	2560174	Front profile, side	00155	2510119	Clamp
00136	3454393	Bottom/front part	00156	8200050	Picture tube A66-540X
	2620076	Felt washer	00157	2622269	Tolerance washer
00137	2515023	Clamp	00158	2623031	Washer
00138	2389051	Drive-fit nut	00159	2044021	Screw AM5x12
00139	2389046	Drive-fit nut	00160	8620033	Deflection coil AT 1270
00140	2015210	Screw 3.5x13 mm			
00141	3151162	Holder	00161	2015201	Screw 3.5x9.5 mm
00142	2039031	Screw 3x10 mm	00162	3444171	Grille, top
00143	2622247	Washer	00163	3444173	Grille, left side
00144	2015909	Screw 3.5x6.5 mm	00164	3170215	Insulating piece
00145	2816141	Chassis spring	00165	7500189	Chassis spring
00146	3414158	Cabinet, white line	00180	3444172	Grille, right side
	3911092	Cloth	00181	2622247	Washer
00147	0376473	Washer	00182	2039031	Screw 3x10 mm
00148	2044015	Screw AM5x20	00183	2622247	Washer
00149	7500144	Contact bushing	00184	2039065	Screw 3x16 mm

04Modul	8003254	PCB4, Video Output
0401	6030449	Wire
04P7	6275400	Wire bundle

48Modul	8003423	PCB48, AF Distribution

Cabinet for Beovision 7802

00130	3450394	Frame	00154	7510031	Chassis connection
00131	2560181	Front profile, top	00156	8200049	Picture tube A56-540X
00135	2560176	Front profile, side	00160	8620035	Deflection coil AT 1260
00136	3454394	Bottom/front part			
	2620076	Felt washer	00162	3444175	Grille, top
00146	3414228	Cabinet, white line	00163	3444169	Grille, left side
	3911093	Cloth	00169	3444168	Grille, right side
00153	8022093	Degaussing coil			

Other parts identical with cabinet for Beovision 8902

Cabinet for Beovision 8802

00131	2560182	Front profile, top	00162	3444174	Grille, top
00136	3454395	Bottom/front part	00166	2013067	Screw 2.8x13 mm
	2620076	Felt washer	00167	3151172	Holder
00146	3414278	Cabinet, white line	00168	2015210	Screw 3.5x13 mm
	3911091	Cloth			

21Modul	8003294	PCB21, Headphone/ Contrast regulation
21P17	6275410	Wire bundle

Other parts identical with cabinet for Beovision 8902

Cabinet for Beovision 7702

00130	3450394	Frame	00156	8200049	Picture tube A56-540X
00131	2560183	Front profile, top	00160	8620035	Deflection coil AT 1260
00135	2560176	Front profile, side			
00136	3454396	Bottom/front part	00162	3444170	Grille, top
	2620076	Felt washer	00163	3444169	Grille, left side
00146	3414288	Cabinet, white line	00166	2013067	Screw 2.8x13 mm
	3911090	Cloth	00167	3151172	Holder
00152	2510123	Clamp	00168	2015210	Screw 3.5x13 mm
00153	8022093	Degaussing coil	00169	3444168	Grille, right side
00154	7510031	Chassis connection			

21Modul	8003294	PCB21, Headphone/ Contrast regulation
21P17	6275410	Wire bundle

Other parts identical with cabinet for Beovision 8902

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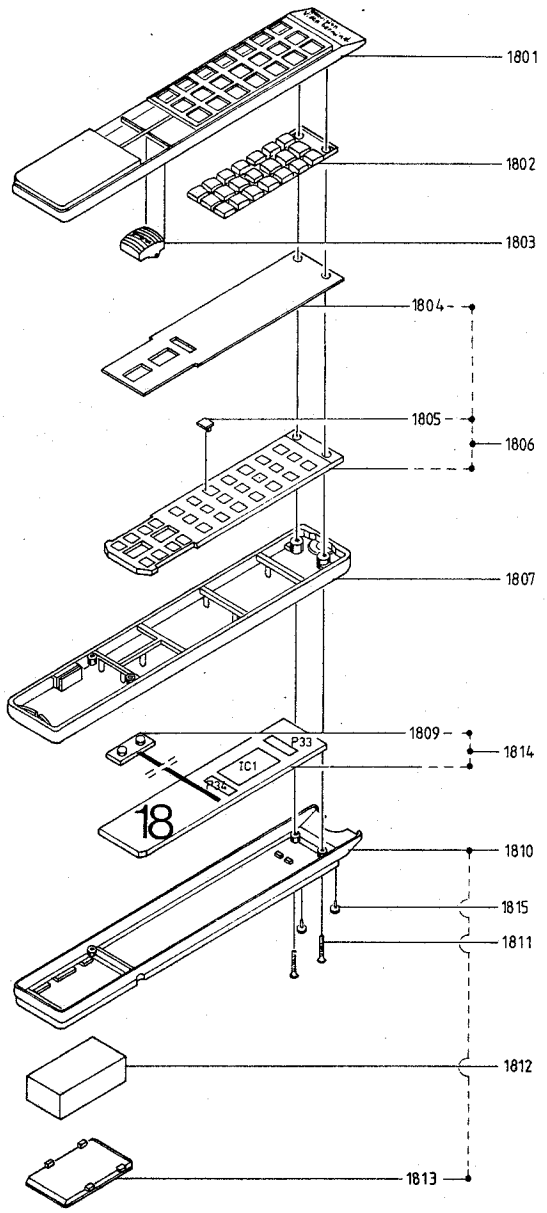
Video Terminal



18Modul	8053032	Video Terminal, compl.
1801	3164509	Cover, top
1802	2775947	Set of buttons
1803	2775948	Sensor buttons
1804	3947058	Insulating piece
1805	7500155	Contact spring
1806	8003358	Contact PCB for Video Terminal
	7500154	Contact pin
1807	2576125	Spacer
1809	7229020	Battery connection
1810	3164508	Cover, bottom
1811	2034043	Screw 2x14 mm
1812	8700008	Battery 9V IEC 64F22
1813	3164595	Battery cover
1814	8003359	PCB18, Video Terminal
1815	3341051	Plastic foot

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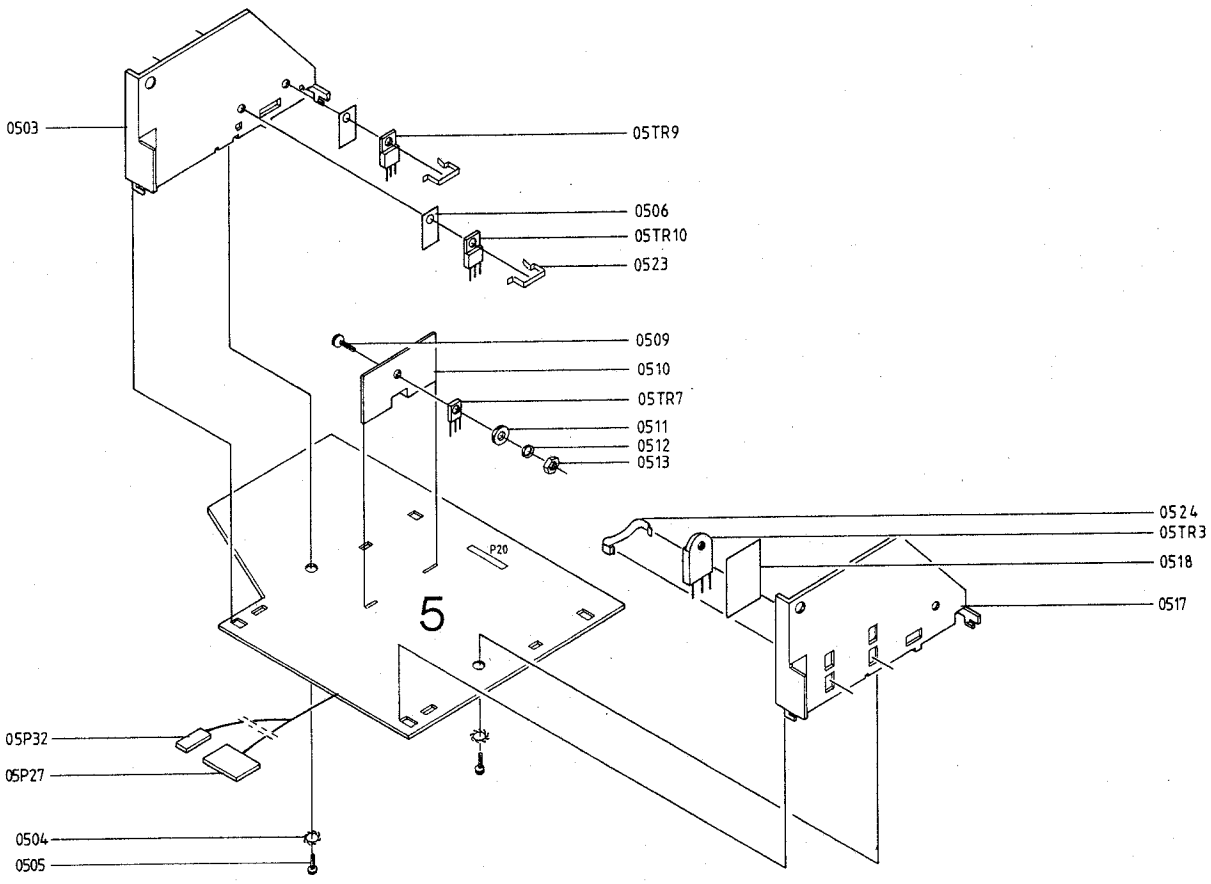
MECHANICAL PARTS LIST FOR DEFLECTION UNIT

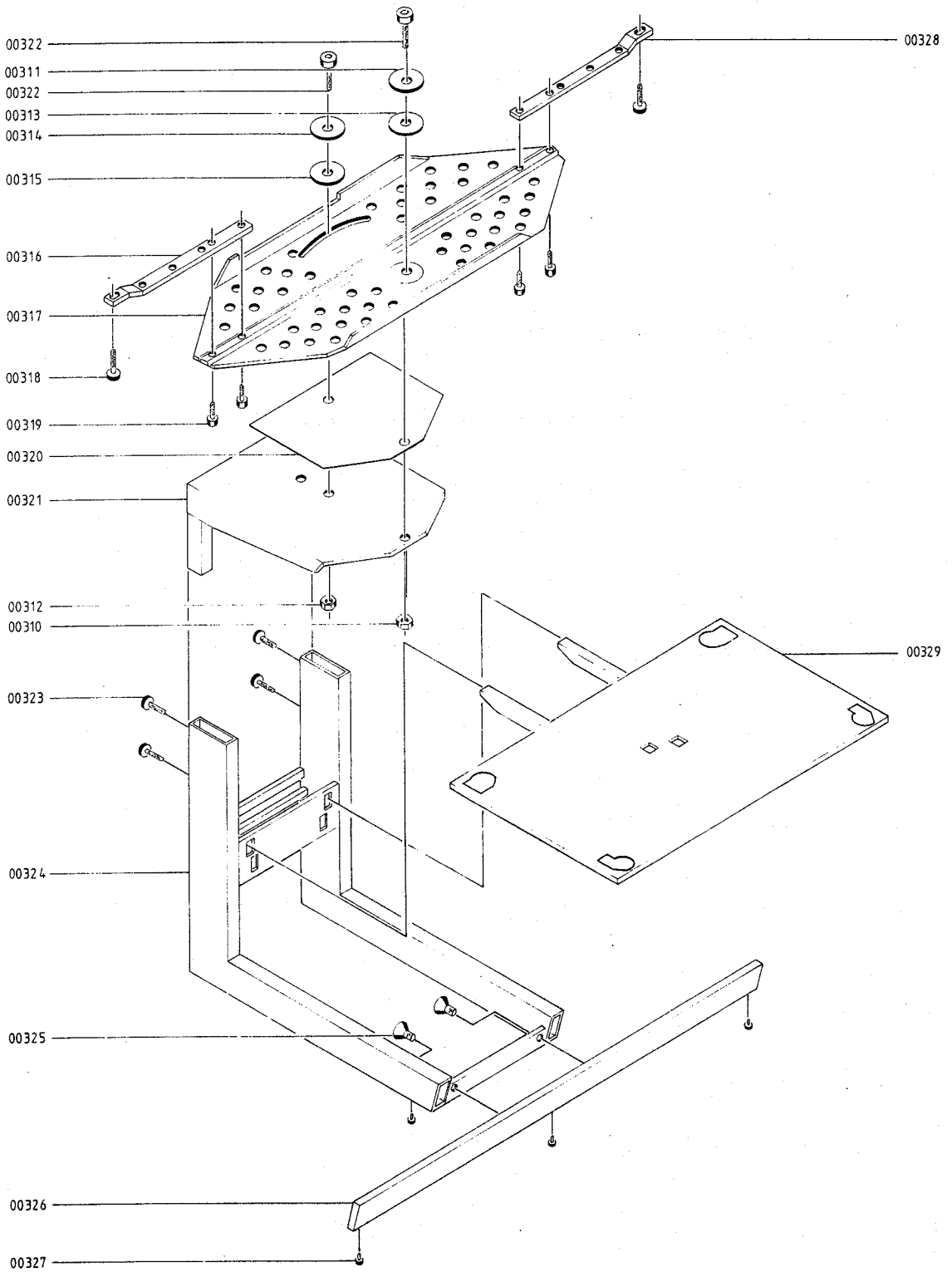
from serial nr 3120001



05Modul	8003253	PCB5, Deflection Unit
0503	3358205	Heat sink
0504	2625002	Tooth lock washer
0505	2013079	Screw 2.9x9.5 mm
0506	2622248	Mica sheet
0509	2039908	Screw AM3x10
0510	3358083	Heat sink
0511	2623018	Fibre washer
0512	2624057	Washer
0513	2380011	Nut M3
0517	3358204	Heat sink
0518	2622383	Mica sheet
0523	2816195	Clip
0524	2816154	Clip
05P27	6275411	Wire bundle
05P32	6275411	Wire bundle
	7500114	Contact pin

05TR3	8320038	BU 508 A
05TR7	8320381	BD 235
05TR9	8320439	BD 535
05TR10	8320438	BD 536

VIDEO-STAND 8930688



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LIST OF MECHANICAL PARTS

00310	2380130	Møtrik M6	Nut. M6
00311	2622342	Skive	Washer.
00312	2380130	Møtrik M6	Nut M6
00313	2622341	Skive	Washer
00314	2622339	Skive	Washer
00315	2622340	Skive	Washer
00316	3456148	Afstandsstykke, venstre	Spacer, left
00317	3901087	Drejeplade	Rotary plate
00318	2046021	Skrue 6 x 16	Screw 6 x 16
00319	2046022	Skrue 6 x 8	Screw 6 x 8
00320	3900033	Mellemlægsstykke	Gasket
00321	3100045	Holder	Holder
00322	2046021	Skrue 6 x 16	Screw 6 x 16
00323	2046020	Skrue 6 x 12	Screw 6 x 12
00324	3100044	Stativ	Stand
00325	2046019	Skrue 6 x 12	Screw 6 x 12
00326	3103243	Profil	Profil
00327	3035029	Glidesko	Plastic foot
00328	3456147	Afstandsstykke, højre	Spacer, right
00329	3150067	Hylde	Shelf

Ikke viste dele/ Parts not shown

3390286	Pose med dele	Bag with parts
3040016	Sekskantnøgle 4mm	Hexagon spanner 4mm
3543048	Samleinstruktion	Assembly instruction
3397518	Skumemballage	Foam Packing
3391781	Omslag	Wrapping